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market sizes, and future opportunities for such forward-looking statements are based on the current beliefs and expectations of management and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are difficult to predict and generally beyond our control. Actual results and the timing of events may differ materially from the results anticipated in these forward-looking statements. In addition to factors identified elsewhere in this Report, the following factors, among others, could cause actual results and the timing of events to differ materially from the anticipated results or other expectations expressed in the forward-looking statements: (i) our ability to remain a going concern; (ii) risk that we may not be able to execute our growth strategies or achieve profitability; (iii) risk that we will not be able to raise additional capital to execute our business plan, which may not be available on acceptable terms or at all, or pay our debts as they come due; (iv) restrictions in our existing and any future credit facilities; (v) risks of operations in China; (vi) the effects of mechanics liens filed by contractors that we do not have sufficient funds to pay; (vii) the effects of existing and future litigation; (viii) changes in general economic conditions, including high interest rates and associated Federal Reserve policies, a potential economic recession, and the impact of inflation on our business; (ix) changes in the highly competitive market in which we compete, including with respect to our competitive landscape, technology evolution or regulatory changes; (x) changes in availability and price of raw materials; (xi) labor relations, including the ability to attract, hire and retain key employees and contract personnel; (xii) heightened awareness of environmental issues and concern about global warming and climate change; (xiii) risk that we are unable to secure or protect our intellectual property; (xiv) risk that our customers or third-party suppliers are unable to meet their obligations fully or in a timely manner; (xv) risk that our customers will adjust, cancel or suspend their orders for our products; (xvi) risk of product liability or regulatory lawsuits or proceedings relating to our products or services; (xvii) the effectiveness of our information technology and operational technology systems and practices to detect and defend against evolving cyberattacks; (xviii) changing laws regarding cybersecurity and data privacy, and any cybersecurity threat or event; (xix) Table of Contents (i) the effects and associated cost of compliance with existing and future laws and governmental regulations, such as the Inflation Reduction Act; (ii) economic, financial and other impacts such as a pandemic, including global supply chain disruptions; and (iii) the impacts of geopolitical events, including the ongoing conflicts between Russia and Ukraine and between Israel and Hamas. The foregoing list of factors is not exhaustive and new factors may emerge from time to time that could also affect actual performance and results. For more information, please see the risk factors included in our Annual Report on Form 10-K for the year ended December 31, 2023 in Part I, Item 1A. Actual results, performance or achievements may differ materially, and potentially adversely, from any forward-looking statements and the assumptions on which those forward-looking statements are based. There can be no assurance that the data contained herein is reflective of future performance to any degree. You are cautioned not to place undue reliance on forward-looking statements as a predictor of future performance as forward-looking statements are based on estimates and assumptions that are inherently subject to various significant risks, uncertainties and other factors, many of which are beyond our control. All information set forth herein speaks only as of the date hereof, and we disclaim any intention or obligation to update any forward-looking statements as a result of developments occurring after the date hereof except as may be required under applicable securities laws. Forecasts and estimates regarding our industry and end markets are based on sources we believe to be reliable, however, there can be no assurance these forecasts and estimates will prove accurate in whole or in part. All references to the "Company," "Microvast," "we," "us," "our" or "Microvast" refer to Microvast Holdings, Inc. and its consolidated subsidiaries other than certain historical information which refers to the business of Microvast prior to the consummation of the Business Combination. (iii) Table of Contents PART I. FINANCIAL INFORMATION Item 1. Financial Statements (Unaudited) MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) September 30, 2024 December 31, 2023 Assets Current assets: Cash and cash equivalents \$63,585 \$44,541 Restricted cash, current \$40,361 \$37,477 Short-term investments \$5,634 Accounts receivable (net of allowance for credit losses of \$3,832 and \$4,571 as of September 30, 2024 and December 31, 2023, respectively) \$121,539 \$138,717 Notes receivable \$10,937 \$23,736 Inventories, net \$157,769 \$149,749 Prepaid expenses and other current assets \$23,483 \$25,752 Held-for-sale assets \$19,897 \$0 Total Current Assets \$437,571 \$425,606 Restricted cash, non-current \$1,021 \$6,171 Property, plant and equipment, net \$27,160 \$26,667 Land use rights, net \$1,902 \$1,984 Acquired intangible assets, net \$2,788 \$3,136 Operating lease right-of-use assets \$19,468 \$19,507 Other non-current assets \$11,090 \$9,661 Total Assets \$1,021,000 \$1,096,732 Liabilities Current liabilities: Accounts payable \$65,589 \$112,618 Notes payable \$6,314 \$63,374 Accrued expenses and other current liabilities \$104,204 \$148,284 Advance from customers \$42,950 \$43,087 Short-term bank borrowings \$66,177 \$35,392 Income tax payables \$656 \$655 Total Current Liabilities \$335,888 \$403,410 Long-term bonds payable \$43,157 \$43,157 Long-term bank borrowings \$53,397 \$43,761 Warrant liability \$678 Share-based compensation liability \$119 \$199 Operating lease liabilities \$6,326 \$17,087 Convertible loan with shareholder measured at fair value \$24,423 \$0 Other non-current liabilities \$38,486 \$24,861 Total Liabilities \$511,797 \$532,542 Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS - continued (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) September 30, 2024 December 31, 2023 Commitments and contingencies (Note 16) Shareholders' Equity Common Stock (par value of US\$0.0001 per share, 750,000,000 and 750,000,000 shares authorized as of September 30, 2024 and December 31, 2023; 323,815,298 and 316,694,442 shares issued, and 322,127,798 and 315,006,942 shares outstanding as of September 30, 2024 and December 31, 2023) \$334 \$324 Additional paid-in capital \$1,512,410 \$1,481,241 Statutory reserves \$6,032 \$6,032 Accumulated deficit (987,520) (897,501) Accumulated other comprehensive loss (21,752) (25,614) Total Equity \$509,203 \$564,190 Total Liabilities and Equity \$1,021,000 \$1,096,732 The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Revenues \$101,388 \$80,116 \$266,414 \$202,042 Cost of revenues (67,776) (62,232) (188,382) (167,839) Gross profit \$33,612 \$17,884 \$78,032 \$34,203 Operating expenses: General and administrative expenses (11,841) (24,980) (59,146) (68,874) Research and development expenses (10,692) (13,241) (32,291) (33,609) Selling and marketing expenses (4,963) (6,031) (15,580) (16,916) Impairment loss of long-lived assets (12) (422) (64,924) (473) Total operating expenses (27,508) (44,674) (119,872) (82,512) Subsidy income (1,082) (442) 2,351 \$1,156 Profit/(loss) from operations \$7,186 (26,348) (91,558) (84,513) Other income and expenses: Interest income \$186 \$582 \$551 \$3,481 Interest expense (4,290) (491) (8,116) (1,037) Changes in fair value of warrant and convertible loan 2,766 (421) 2,404 (25) Other income \$7,394 \$127 \$7,864 \$734 Profit/(loss) before provision for income taxes \$13,247 \$26,172 (90,019) (81,821) Income tax expense \$0 \$0 \$0 \$0 Net profit/(loss) \$13,247 \$26,172 (90,019) (81,821) Less: net loss attributable to noncontrolling interests \$42 (42) \$21 Net profit/(loss) attributable to Microvast Holdings, Inc.'s shareholders \$13,247 \$26,130 (90,019) (81,800) Net profit/(loss) per common share Basic \$0.04 \$0.08 (0.28) (0.26) Diluted \$0.03 \$0.08 (0.28) (0.26) Weighted average shares used in calculating net profit/(loss) per share of common stock Basic 320,455,388 \$13,108,457 \$13,113,309 \$14,499 \$13,113,309 \$14,499 Diluted 367,031,181 \$13,108,457 \$13,113,309 \$14,499 The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Net profit/(loss) \$13,247 \$26,172 (90,019) (81,821) Foreign currency translation adjustment \$1,474 (2,192) \$3,862 (18,006) Comprehensive profit/(loss) \$24,720 \$28,364 (86,157) (99,827) Comprehensive loss attributable to non-controlling interests \$4 (54) \$0 (183) Total comprehensive profit/(loss) attributable to Microvast Holdings, Inc.'s shareholders \$24,720 \$28,310 (86,157) (99,644) The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) Three Months Ended September 30, 2024 Common Stock Additional paid-in capital Accumulated deficit Accumulated other Comprehensive loss Statutory reserves Total Microvast Holdings, Inc. Shareholders' Equity Shares Amount Balance as of June 30, 2023 315,006,942 \$324 \$1,481,241 (897,501) (25,614) \$6,032 \$564,190 Net loss \$0 \$0 (90,019) \$0 \$0 (90,019) Issuance of common stock in connection with vesting of share-based awards \$7,120 \$856 1A (1) \$0 \$0 \$0 \$0 Share-based compensation \$0 \$0 391A \$0 \$0 391A Issuance of warrants (Note 14) \$0 \$0 779A \$0 \$0 779A Foreign currency translation adjustments \$0 \$0 \$0 3,862A Balance as of September 30, 2023 323,815,298 \$334 \$1,512,410 (987,520) (21,752) \$6,032 \$509,203 The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY - continued (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) Three Months Ended September 30, 2024 Common Stock Additional paid-in capital Accumulated deficit Accumulated other Comprehensive loss Statutory reserves Total Microvast Holdings, Inc. Shareholders' Equity Non-controlling Interests Total Equity Shares Amount Balance as of June 30, 2023 307,938,943 \$314 \$1,452,189 (\$846,835) (\$33,745) \$6,032 \$577,672 \$2,045 \$579,717 Net loss \$0 \$0 (26,130) \$0 \$0 (26,130) Issuance of common stock in connection with vesting of share-based awards \$6,908 \$824 1A (1) \$0 \$0 \$0 \$0 Share-based compensation \$0 \$0 391A \$0 \$0 391A Issuance of warrants (Note 14) \$0 \$0 779A \$0 \$0 779A Foreign currency translation adjustments \$0 \$0 \$0 3,862A Balance as of September 30, 2023 323,815,298 \$334 \$1,512,410 (987,520) (21,752) \$6,032 \$509,203 The accompanying notes are an integral part of these unaudited condensed consolidated financial statements. Table of Contents MICROVAST HOLDINGS, INC. UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) Nine Months Ended September 30, 2024 2023 Cash flows from operating activities Net loss \$90,019 (\$81,821) Adjustments to reconcile net loss to net cash used in operating activities: Loss on disposal of property, plant and equipment \$10,832 Interest expense \$2,484 \$0 Depreciation of property, plant and equipment \$22,442 \$14,643 Amortization of land use right and intangible assets \$581 \$593 Non-cash lease expenses \$2,004 \$2,108 Share-based compensation \$30,289 \$51,641 Changes in fair value of warrant and convertible loan (1,240) \$254

compensation.All intercompany transactions and balances have been eliminated upon consolidation.9Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 2. SIGNIFICANT ACCOUNTING POLICIES - continuedGoing concernThe accompanying unaudited condensed consolidated financial statements of the Group have been prepared on a going concern basis, which assumes that the Group will continue to realize its assets and settle its liabilities in the ordinary course of business.For the three months ended September 30, 2024 and 2023, the Group generated revenues of \$101,388 and \$80,116, gross profit of \$33,612 and \$17,884, net profit of \$13,247 and net loss of \$26,172, and operating cash outflow of \$5,429 and \$29,342, respectively. For the nine months ended September 30, 2024 and 2023, the Group reported revenues of \$266,414 and \$202,042, gross profit of \$78,032 and \$34,203, net loss of \$90,019 (including a \$64,924 impairment loss from long-lived assets) and \$81,821, and operating cash outflow of \$3,287 and \$70,350, respectively. As of September 30, 2024, the Group had working capital of \$101,683, shareholders' equity of \$509,203 (including an accumulated deficit of \$987,520), and cash and cash equivalents of \$63,585. The Group also held outstanding borrowings of \$119,574, with \$66,177 due within the next 12 months, and other current liabilities of \$269,711, which include accounts payable, notes payable, and accrued expenses. Additionally, the Group had \$52,262 in purchase commitments primarily related to inventory as of September 30, 2024.The Group has made significant investments to expand its capacity, particularly in its Huzhou, China, and Clarksville, Tennessee facilities. The Huzhou Phase 3.1 expansion is now contributing revenue following its completion in the third quarter of 2023 and the Huzhou Phase 3.2 expansion is in process which requires additional capital expenditure. The Tennessee expansion has been paused. Initially intended to produce 53.5Ah cells for the Group's ESS solutions, the Tennessee facility is now being evaluated for a potential shift to lithium iron phosphate (LFP) cell production, which better aligns with the Group's evolving ESS strategy. The Tennessee facility will require additional financing, and the timing for resuming the project is currently under review.As of September 30, 2024, the Group had outstanding payables of \$31,653 related to the Tennessee facility. The Group is actively working with suppliers. Some of those suppliers have filed liens while others have entered settlement agreements that include payment adjustments and lien releases.The above factors raise substantial doubt about the Group's ability to continue as a going concern within the next twelve months from the date of issuance of its unaudited condensed consolidated financial statements.Management has secured a \$29,911 bank loan in the third quarter of 2024, with an additional \$9,962 received in October 2024. Further details can be found in Note 7 "Bank Borrowings".Workforce reductions were made in the U.S. during the second and third quarters of 2024, delivering cost savings and enhanced cash flow. Further plans to alleviate the conditions that raise substantial doubt include: •Operational Improvements: With profitability achieved in the third quarter of 2024, management expects that continued execution of its strategies will generate positive cash flow from operations over the next twelve months. •Asset Sales: The Group is actively pursuing the sale of non-core U.S. real estate assets, with an expectation of increasing liquidity without affecting core operations. •Additional Funding Options: Although no additional binding financing agreement has been entered into besides those disclosed in the unaudited condensed consolidated financial statements, the Group is actively engaged in discussions with third parties to explore further funding options.10Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 2. SIGNIFICANT ACCOUNTING POLICIES - continuedGoing concern-continuedThese plans are not final and are subject to market and other conditions not within the Group's control. As such, there can be no assurance that the Group will be successful in obtaining sufficient capital. Accordingly, management has concluded that these plans do not alleviate the substantial doubt about the Group's ability to continue as a going concern within one year after the date the unaudited condensed consolidated financial statements are issued. Based on the factors above, there is a substantial doubt as to whether the Group will continue as a going concern and therefore whether it will realize its assets and discharge its liabilities in the normal course of business and at the amounts stated in the financial statements. The accompanying unaudited condensed consolidated financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or to the amounts and classification of liabilities that might be necessary should the Group not continue as a going concern.Emerging Growth CompanyPursuant to the JOBS Act, an emerging growth company (the "EGC") may adopt new or revised accounting standards that may be issued by FASB or the SEC either (i) within the same periods as those otherwise applicable to non-EGCs or (ii) within the same time periods as private companies. The Company intends to take advantage of the exemption for complying with new or revised accounting standards within the same time periods as private companies. Accordingly, the information contained herein may be different than the information provided by other public companies.The Company also intends to take advantage of some of the reduced regulatory and reporting requirements of EGCs pursuant to the JOBS Act so long as the Company qualifies as an EGC, including, but not limited to, an exemption from the auditor attestation requirements of Section 404(b) of the Sarbanes-Oxley Act, reduced disclosure obligations regarding executive compensation, and exemptions from the requirements of holding non-binding advisory votes on executive compensation and golden parachute payments.Revenue recognitionNature of Goods and ServicesThe Group's revenue consists primarily of sales of lithium-ion batteries. The obligation of the Group is to provide the battery products. Revenue is recognized at the point of time when control of the promised goods or services is transferred to the customer, in an amount that reflects the consideration the Group expects to be entitled to in exchange for the goods or services.11Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 2. SIGNIFICANT ACCOUNTING POLICIES - continuedRevenue recognition-continuedDisaggregation of revenueFor the three and nine months ended September 30, 2024 and 2023, the Group derived revenues from geographic regions as follows:Three Months Ended September 30,Nine Months Ended September 30,2024202320242023People's Republic of China ("PRC")\$28,716\$36,289\$89,190\$115,023Other Asia & Pacific countries10,55024,61136,21546,280Asia & Pacific 39,26660,900125,405161,303Europe 59,47919,034135,14538,556U.S.2,64318245,86421,183Total\$101,388\$80,116\$266,414\$202,042Contract balancesContract balances include accounts receivable and advances from customers. Accounts receivable represent cash not received from customers and are recorded when the rights to consideration are unconditional. The allowance for credit losses reflects the best estimate of probable losses inherent to the accounts receivable balance. Contract liabilities, recorded in advance from customers in the consolidated balance sheets, represent payment received in advance or payment received related to a material right provided to a customer to acquire additional goods or services at a discount in a future period. During the three months ended September 30, 2024 and 2023, the Group recognized \$883 and \$1,191 of revenue previously included in advance from customers as of July 1, 2024 and July 1, 2023, respectively. During the nine months ended September 30, 2024 and 2023, the Group recognized \$4,208 and \$2,485 of revenue previously included in advance from customers as of January 1, 2024 and January 1, 2023, respectively. Operating leasesAs of September 30, 2024, the Company recorded operating lease right-of-use (ROU) assets of \$19,468 and operating lease liabilities of \$19,540, including current portion in the amount of \$3,214, which was recorded under accrued expenses and other current liabilities on the balance sheet. The Company determines if an arrangement is a lease or contains a lease at lease inception. Operating leases are required to record in the statement of financial position as right-of-use assets and lease liabilities, initially measured at the present value of the lease payments. The Company has elected the package of practical expedients, which allows the Company not to reassess (1) whether any expired or existing contracts as of the adoption date are or contain a lease, (2) lease classification for any expired or existing leases as of the adoption date and (3) initial direct costs for any expired or existing leases as of the adoption date. The Company also elected the practical expedient not to separate lease and non-lease components of contracts. Lastly, for lease assets other than real estate, such as printing machines and electronic appliances, the Company elected the short-term lease exemption as their lease terms are 12 months or less.As the rate implicit in the lease is not readily determinable, the Company estimates its incremental borrowing rate based on the information available at the commencement date in determining the present value of lease payments. The incremental borrowing rate is estimated in a portfolio approach to approximate the interest rate on a collateralized basis with similar terms and payments in a similar economic environment. Lease expense is recorded on a straight-line basis over the lease term.12Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 2. SIGNIFICANT ACCOUNTING POLICIES - continuedImpairment of long-lived assetsIn accordance with ASC 360, Property, Plant and Equipment ("ASC 360"), the Company reviews long-lived assets such as property, plant and equipment for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to the future net undiscounted cash flows expected to be generated by the asset. If such assets are considered to be impaired, the impairment recognized is measured by the amount by which the carrying amount of the assets exceeds the fair value of the assets, and an impairment loss is recorded as a component of operating expenses. Fair value is estimated based on various valuation techniques. For assets held for sales, the amount of potential impairment may be based upon appraisal of the asset, estimated market value of similar assets or estimated cash flow from the disposition of the asset. The evaluation of asset impairment requires the Company to make assumptions about future cash flows over the life of the asset being evaluated. These assumptions require significant judgment and actual results may differ from assumed and estimated amounts. During the first half year of 2024, the Company decided to pause the construction of the battery plant in Tennessee until additional funding for the remaining capital expenditure is secured. As a result, the Company reassessed the recoverability of the long-lived assets in the U.S. and utilized the residual method to estimate the fair value of the plant under construction located in Tennessee. For other long-lived assets in the U.S., the Company estimated market value or estimated cash flow from disposition of the assets. The Company recorded impairment loss of long-lived assets of \$12 and \$422 for the three months ended September 30, 2024 and 2023, respectively, in operating expenses. The Company recorded impairment loss of long-lived assets of \$64,924 and \$473 for the nine months ended September 30, 2024 and 2023, respectively, in operating expenses.Asset held for salesAssets to be disposed of by sale are reported at the lower of the carrying value or fair value less cost to sell when the Company has committed to a sale agreement and would be reported separately as asset held for sales in the unaudited condensed consolidated balance sheets.Debt RestructuringA debt restructuring is the modification of debt in which a creditor grants a concession it would not otherwise consider to a debtor that is experiencing financial difficulties. These modifications may include a reduction of an extension of the maturity date, a reduction of the face amount or maturity amount of the debt, or a reduction of accrued interest. During the three months ended September 30, 2024, the company recorded a gain of \$7,709 on the payable concession in the unaudited condensed consolidated statements of operations.Convertible loan with shareholder measured at fair valueThe Company has elected the fair value option to account for the convertible loan with shareholder described in Note 14A "Convertible loan with shareholder measured at fair value herein, and records changes in fair value in the unaudited condensed consolidated statements of operations, with the exception of changes in fair value due to instrument-specific credit risk which, if present, will be recorded as a component of other comprehensive income. Interest expense related to the convertible loan is included in the changes in fair value. As a result of applying the fair value option, direct costs and fees related to the convertible loan were expensed as incurred. Gains of \$2,764 and \$1,174 were recognized for the three and nine months ended September 30, 2024. The fair value of the convertible loan with shareholder was determined by using a discounted cash flow model for the bond component and a Black-Scholes-Merton model for the conversion option, which is considered a Level 3 fair value measurement. 13Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 2. SIGNIFICANT ACCOUNTING POLICIES - continuedWarrantThe Company determines the accounting classification of warrants it issues as either liability or equity by first assessing whether the warrants meet liability classification in accordance with ASC 480-10, Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity ("ASC 480"), then in accordance with ASC 815-40 ("ASC 815"), Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock. Under ASC 480, warrants are considered liability classified if the warrants are mandatory redeemable, obligate the Company to settle the warrants or the underlying shares by paying cash or other assets, or warrants that must or may require settlement by issuing variable number of shares. If warrants do not meet liability classification under ASC 480, the Company assesses the requirements under ASC 815, which states that contracts that require or may require the issuer to settle the contract for cash are liabilities recorded at fair value, irrespective of the likelihood of the transaction occurring that triggers the net cash settlement feature. If the warrants do not require liability classification under ASC 815, and in order to conclude equity classification, the Company also assesses whether the warrants are indexed to its Common Stock and whether the warrants are classified as equity under ASC 815 or other applicable GAAP. After all relevant assessments, the Company concludes whether the warrants are classified as liability or equity. Liability classified warrants require fair value accounting at issuance and subsequent to initial issuance with all changes in fair value after the issuance date recorded in the unaudited consolidated statements of operations. Equity classified warrants only require fair value accounting at issuance with no changes recognized subsequent to the issuance date. Refer to Notes 10 for information regarding the warrants issued.Recent accounting pronouncements not yet adoptedIn November 2023, the FASB issued ASU 2023-07 "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures" ("ASU 2023-07"). ASU 2023-07 intends to improve reportable segment disclosure requirements, enhance interim disclosure requirements and provide new segment disclosure requirements for entities with a single reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and for interim periods with fiscal years beginning after December 15, 2024. ASU 2023-07 is to be adopted retrospectively to all prior periods presented. The Company is currently assessing the impact this guidance will have on the consolidated financial statements and related disclosures.In December 2023, the FASB issued ASU 2023-09 "Improvements to Income Tax Disclosures" ("ASU 2023-09"). ASU 2023-09 intends to improve the transparency of income tax disclosures. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024 and is to be adopted on a prospective basis with the option to apply retrospectively. The Company is currently assessing the impact of this guidance, however, the Company do not expect a material impact to the consolidated financial statements.NOTE 3. ACCOUNTS RECEIVABLEAccounts receivable consisted of the following:September 30,2024December 31,2023Accounts receivable\$125,371\$143,288Allowance for credit losses(3,832)(4,571)Accounts receivable, net\$121,539\$138,71714Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 3. ACCOUNTS RECEIVABLE - continuedMovement of allowance for credit losses was as follows:Three Months EndedSeptember 30,Nine Months EndedSeptember 30,2024202320242023Balance at beginning of the period\$4,679\$3,468\$4,571\$4,407Reversal of expenses(992)(206)(237)(1,038)Write off(2)(531)(66)Recoveries of credit losses6121214Exchange difference147(20)294(182)Balance at end of the period\$3,832\$3,242\$3,832\$3,242NOTE 4. INVENTORIES, NETInventories consisted of the following:September 30,2024December 31,2023Work in process102,443\$86,379Raw materials36,704\$35,867Finished goods18,622\$27,503Total\$157,769\$149,749Write-down of obsolete inventories at \$1,295 and \$0 were recognized for the three months ended September 30, 2024 and 2023, respectively. Write-down of obsolete inventories at \$3,032 and \$928 were recognized for the nine months ended September 30, 2024 and 2023, respectively.NOTE 5. ACCRUED EXPENSES AND OTHER CURRENT LIABILITIESSeptember 30,2024December 31,2023Product warranty, current\$8,151\$13,738Payables for purchase of property, plant and equipment54,318\$96,350Other current liabilities18,112\$14,312Accrued payroll and welfare4,445\$8,089Accrued expenses6,118\$6,224Interest payable1,429\$41A Other tax payable8,415\$7,117Operating lease liabilities, current3,214\$2,413Totals\$104,202\$148,28415Table of ContentsMICROVAST HOLDINGS, INC.NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTSSEPTEMBER 30, 2024(In thousands of U.S. dollars, except share and per share data, or as otherwise noted)NOTE 6. PRODUCT WARRANTYMovement of product warranty was as follows:Three Months EndedSeptember 30,Nine Months EndedSeptember 30,2024202320242023Balance at beginning of the period\$34,184\$37,108\$35,217\$42,060Provided during the period4,024\$3,56710,353\$9,017Utilized during the period(3,970)(7,125)(10,516)(15,635)Exchange difference1,216(202)400(2,094)Balance at end of the period\$35,454\$33,348\$35,454\$33,348September 30,2024December 31,2023Product warranty \$ current\$8,151\$13,738Product warranty \$ non-current\$27,303\$21,479Total\$35,454\$35,217NOTE 7. BANK BORROWINGSOn September 27, 2022, the Group entered into a \$111,483 (RMB800 million) loan facilities agreement with a group of lenders led by a bank in China (the "2022 Facility Agreement"). The interest rate is prime plus 115 basis points where prime is based on Loan Prime Rate published by the National Inter-bank Funding Center of the PRC and is payable on a quarterly basis. The loan facilities can only be used for the manufacturing capacity expansion at the Group's facility located in Huzhou, China. The Group had a balance of restricted cash of \$10,663 and \$6,171 as of September 30, 2024 and December 31, 2023, respectively. The 2022 Facility Agreement contains certain customary restrictive covenants, including but not limited to disposal of assets and dividend distribution without the consent of the lender, and certain customary events of default. As of

September 30, 2024, the Group had outstanding borrowings of \$75,115 under the 2022 Facility Agreement. Repayment Date September 30, 2024, \$10,859 (RMB76.2 million). June 10, 2025, \$10,859 (RMB76.2 million). December 10, 2025, \$10,859 (RMB76.2 million). June 10, 2026, \$16,288 (RMB114.3 million). December 10, 2026, \$26,250 (RMB184.2 million). The amount of capitalized interest expenses, which was recorded in construction in progress and property, plant and equipment, was \$65 and \$475 for the three months ended September 30, 2024 and 2023, respectively, and \$65 and \$1,503 for the nine months ended September 30, 2024 and 2023, respectively. The Group has also entered into short-term loan agreements and bank facilities with certain banks in China. The original terms of these loans are with a maximum maturity of 12 months and the interest rates range from 3.30% to 4.85% per annum. 16. Table of Contents. MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS. SEPTEMBER 30, 2024. (In thousands of U.S. dollars, except share and per share data, or as otherwise noted). NOTE 7. BANK BORROWINGS - continued. Changes in bank borrowings are as follows: Three Months Ended September 30, Nine Months Ended September 30. 2024 2023 2024 2023 Beginning balance \$94,237.4 \$49,146.4 \$79,153.4 \$46,395.4 Proceeds from bank borrowings \$29,911.4 \$9,207.4 \$70,373.4 \$18,439.4 Repayments of principal (8,375.2) (3,247.1) (31,824.6) (6,286.6) Exchange difference \$3,801.4 (349.1) 1,872.4 (2,891.2) Ending balance \$119,574.4 \$55,657.4 \$119,574.4 \$55,657.4 Balance of bank borrowings includes: September 30, 2024 December 31, 2023 Current \$66,177.4 \$35,392.4 Non-current \$53,397.4 43,761.4 Totals \$119,574.4 \$59,153.4 Certain assets of the Group have been pledged to secure the above bank facilities granted to the Group. The aggregate carrying amount of the assets pledged by the Group as of September 30, 2024 and December 31, 2023 are as follows: September 30, 2024 December 31, 2023 Buildings \$121,302.4 \$124,565.4 Machinery and equipment \$65,091.4 \$67,190.4 Land use rights \$11,902.4 \$11,984.4 Construction in progress \$348.4 \$6.4 Totals \$198,643.4 \$136,549.4 NOTE 8. OTHER NON-CURRENT LIABILITIES. September 30, 2024 December 31, 2023 Product warranty - non-current \$27,303.4 \$21,479.4 Deferred subsidy income - non-current \$6,093.4 3,382.4 Other non-current payable \$5,090.4 \$6.4 Totals \$38,486.4 \$24,861.4 NOTE 9. BONDS PAYABLE. September 30, 2024 December 31, 2023 Long-âterm bonds payable \$4,157.4 \$43,157.4 Totals \$43,157.4 \$43,157.4 17. Table of Contents. MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS. SEPTEMBER 30, 2024. (In thousands of U.S. dollars, except share and per share data, or as otherwise noted). NOTE 9. BONDS PAYABLE - continued. Huzhou Saiyuan Loan. On December 29, 2018, Microvast Power Systems Co., Ltd. (MPS), one of the Company's subsidiaries, signed an agreement with Huzhou Saiyuan, an entity established by the local government, to issue convertible bonds to Huzhou Saiyuan for a total consideration of \$87,776 (RMB600 million). The Company pledged its 12.39% equity holding over MPS to Huzhou Saiyuan to facilitate the issuance of these convertible bonds. If the subscribed bonds are not repaid by the maturity date, Huzhou Saiyuan has the right to dispose of the equity interests pledged by the Company in proportion to the amount of matured bonds, or convert the bonds into equity interests of MPS within 60 days after the maturity date. If Huzhou Saiyuan decides to convert the bonds into equity interests of MPS, the equity interests pledged would be released and the convertible bonds would be converted into equity interest of MPS based on an entity value of MPS of \$950,000. In September 2020 and 2022, MPS entered into two supplement agreements with Huzhou Saiyuan, respectively, to change the repayment schedule as follows: (i) \$14,629 (RMB100 million) was repaid, together with interest accrued, on or before November 10, 2022, (ii) \$14,630 (RMB100 million) was repaid, together with interest accrued, on or before December 31, 2022, and (iii) the remaining \$43,888 (RMB300 million) will be repaid, together with interest accrued, on or before January 31, 2027. The applicable interest rate will be increased to 12% if the Group is in default on the repayment of the bonds at the due date. The remaining terms and conditions of the convertible bonds were unchanged. The Company has complied in full with the amended repayment schedule and accordingly, as of September 30, 2024, the subscription and outstanding balance of the convertible bonds was \$43,157 (RMB295 million). NOTE 10. WARRANTS. The Company assumed 27,600,000 publicly-traded warrants (âPublic Warrants) and 837,000 private placement warrants issued to Tuscan Holdings Acquisition LLC (the âSponsor) and EarlyBirdCapital, Inc. (âEarlyBirdCapital) (âPrivate Warrants) and together with the Public Warrants, the âWarrants) upon the Business Combination, all of which were issued in connection with Tuscan's initial public offering (other than 150,000 Private Warrants that were issued in connection with the closing of the Business Combination) and entitle the holder to purchase one share of the Company's Common Stock at an exercise price of \$11.50 per share. During the three and nine months ended September 30, 2024, none of the Public Warrants or the Private Warrants were exercised. The Public Warrants became exercisable 30 days after the completion of the Business Combination. The Public Warrants are only exercisable for cash, however, if the Company were to not maintain the effectiveness of the registration statement covering the shares of Common Stock issuable upon exercise of the Public Warrants, the Public Warrants would be exercisable on a net-share settlement basis. The Public Warrants will expire five years after the completion of the Business Combination or earlier upon redemption or liquidation. Once the Public Warrants become exercisable, the Company may redeem the Public Warrants: (i) in whole and not in part; (ii) at a price of \$0.01 per warrant; (iii) upon not less than 30 days' prior written notice of redemption; (iv) if, and only if, the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and (v) if, and only if, there is a current registration statement in effect with respect to the shares of Common Stock underlying the warrants. The Company classified the Public Warrants as equity. If the Company calls the Public Warrants for redemption, management will have the option to require all holders that wish to exercise the Public Warrants to do so on a net-share settlement basis. 18. Table of Contents. MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS. SEPTEMBER 30, 2024. (In thousands of U.S. dollars, except share and per share data, or as otherwise noted). NOTE 10. WARRANTS - continued. The Private Warrants are identical to the Public Warrants, except that the Private Warrants will be exercisable for cash or on a net-share settlement basis, at the holder's option, and be non-redeemable so long as they are held by the initial purchasers or their permitted transferees. If the Private Warrants are held by someone other than the initial purchasers or their permitted transferees, the Private Warrants will be redeemable by the Company and exercisable by such holders on the same basis as the Public Warrants. In addition, so long as the Private Warrants are held by EarlyBirdCapital and its designee, the Private Warrants will expire five years from the effective date of the Business Combination. The exercise price and number of shares of Common Stock issuable upon exercise of the Warrants may be adjusted in certain circumstances including in the event of a stock dividend, or recapitalization, reorganization, merger or consolidation. However, the Warrants will not be adjusted for issuance of Common Stock at a price below its exercise price. Additionally, in no event will the Company be required to net cash settle the Warrants. The Private Warrant liability was remeasured at fair value as of September 30, 2024, resulting in a gain of \$2 and \$66 for the three and nine months ended September 30, 2024, classified within changes in fair value of warrant liability in the unaudited condensed consolidated statements of operations, respectively. The Private Warrants were valued using the following assumptions under the Monte Carlo Model that assumes optimal exercise of the Company's redemption option at the earliest possible date: September 30, 2024 Market price of public stock \$0.25 Exercise price \$11.50 Expected term (years) 1.82 Volatility 96.27% Risk-free interest rate 3.64% Dividend rate 0.00% The market price of public stock is the quoted market price of the Company's Common Stock as of the valuation date. The exercise price is extracted from the warrant agreements. The expected term is derived from the exercisable years based on the warrant agreements. The expected volatility is a blend of implied volatility from the Company's own public warrant pricing, the average volatility of peer companies and the Company's historical volatility. The risk-free interest rate was estimated based on the market yield of U.S. Government Bond with maturity close to the expected term of the warrants. The dividend yield was estimated by the Company based on its expected dividend policy over the expected term of the warrants. On May 28, 2024, the Company also issued a warrant exercisable for 5,500,000 shares of Common Stock at an initial exercise price of \$2.00 per share. The Warrant expires on May 28, 2029 in connection of the convertible loan with shareholder. See Note 14. Convertible loan with shareholder measured at fair value. 19. Table of Contents. MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS. SEPTEMBER 30, 2024. (In thousands of U.S. dollars, except share and per share data, or as otherwise noted). NOTE 11. FAIR VALUE MEASUREMENT. Measured or disclosed at fair value on a recurring basis: The Group measured its financial assets and liabilities, including cash and cash equivalents, restricted cash and warrant liability on a recurring basis as of December 31, 2023 and cash and cash equivalents, restricted cash and warrant liability, Convertible loan with shareholder and relative warrant at fair value on a recurring basis as of September 30, 2024. Cash and cash equivalents and restricted cash are classified within Level 1 of the fair value hierarchy because they are valued based on the quoted market price in an active market. The fair value of the warrant liability, Convertible Loan with shareholder are based on significant unobservable inputs, which represent Level 3 measurements within the fair value hierarchy. In determining the fair value of the warrant liability, the Company used the Monte Carlo Model that assumes optimal exercise of the Company's redemption option at the earliest possible date. See Note 10. Warrants. The Convertible Loan and relative warrants were valued using the following assumptions under the Black-Scholes-Merton model, which is a generally accepted computational model typically used for pricing options and is considered a Level 3 fair value measurement. See Note 14. Convertible loan with shareholder measured at fair value. As of September 30, 2024 and December 31, 2023, information about inputs for the fair value measurements of the Group's assets and liabilities that are measured at fair value on a recurring basis in periods subsequent to their initial recognition is as follows: Fair Value Measurement as of September 30, 2024 Quoted Prices in Active Market for Identical Assets (Level 1) Significant Other Observable Inputs (Level 2) Significant Unobservable Inputs (Level 3) Total Cash and cash equivalents \$63,585.4 \$63,585.4 Restricted cash \$51,382.4 \$51,382.4 Total financial assets \$114,967.4 \$114,967.4 Warrant liability \$67.4 \$67.4 \$1.4 \$1.4 Convertible loan with shareholder measured at fair value \$24,423.4 \$24,423.4 Total financial liability \$67.4 \$67.4 \$24,423.4 \$24,423.4 Fair Value Measurement as of December 31, 2023 Quoted Prices in Active Market for Identical Assets (Level 1) Significant Other Observable Inputs (Level 2) Significant Unobservable Inputs (Level 3) Total Cash and cash equivalents \$44,541.4 \$44,541.4 Restricted cash \$43,648.4 \$43,648.4 Total financial assets \$88,189.4 \$88,189.4 Warrant liability \$67.4 \$67.4 \$67.4 \$67.4 Total financial liability \$67.4 \$67.4 20. Table of Contents. MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS. SEPTEMBER 30, 2024. (In thousands of U.S. dollars, except share and per share data, or as otherwise noted). NOTE 11. FAIR VALUE MEASUREMENT - continued. The following is a reconciliation of the beginning and ending balances for Level 3 warrant liability during the nine months ended September 30, 2024 and 2023: Nine Months Ended September 30, 2024 2023 Balance at the beginning of the period \$67.4 \$126.4 Changes in fair value (66.2) \$5.4 Balance at end of the period \$1.4 \$151.4 The following is a reconciliation of the beginning and ending balances for Level 3 convertible loan with shareholder during the nine months ended September 30, 2024: Nine Months Ended September 30, 2024 Balance at the beginning of the period \$67.4 Issuance of convertible loan with shareholder 25,944.4 Interest paid during the period (347.4) Changes in fair value (1,174.4) Balance at end of the period \$24,423.4 Measured or disclosed at fair value on a nonrecurring basis: The Company's assets measured at fair value on a nonrecurring basis include long-lived assets. The Company reviews the carrying amounts of such assets when events indicate that their carrying amounts may not be recoverable. Any resulting asset impairment would require that the asset be recorded at its fair value. The fair value of the asset or asset group is determined using cost approach, sales comparison approach and income capitalization approach with unobservable inputs (Level 3), depending on the underlying nature of the asset or the asset group. NOTE 12. LEASES. The Group has operating leases for office spaces and warehouses. Certain leases include renewal options and/or termination options, which are factored into the Group's determination of lease payments when appropriate. Operating lease cost for the three and nine months ended September 30,

FINANCIAL STATEMENTS SEPTEMBER 30, 2024 (In thousands of U.S. dollars, except share and per share data, or as otherwise noted) NOTE 13. SHARE-BASED PAYMENT - continued

Capped Non-vested share units - continued

Activity on the CRSUs for the nine months ended September 30, 2024 and 2023 was as follows:

Number of Non-Vested Shares	Weighted Average Grant Date Fair Value	Share (U.S.\$)	Outstanding as of December 31, 2023	3,665,014	2.29	Vested (6,665,014)	2.29	Outstanding as of September 30, 2024	4.6	Outstanding as of December 31, 2023	4,446,469	2.38	Vested (6,722,228)	2.47	Outstanding as of September 30, 2023	2,236,722	2.41	2.29	There is no unrecognized equity-based compensation costs as of September 30, 2024 related to the CRSUs.																																														
Restricted Stock Units	Following the Business Combination, the Company granted 2,721,624 restricted stock units (RSUs) and 2,680,372 performance-based restricted stock units (PSUs) subject to service, performance and/or market conditions. The service condition requires the participant's continued services or employment with the Company through the applicable vesting date, and the performance condition requires the achievement of the performance criteria defined in the award agreement. The market condition is based on the Company's TSR relative to a comparator group during a specified performance period. The fair value of RSUs is determined by the market closing price of Common Stock at the grant date and is amortized over the vesting period on a straight-line basis. The fair value of PSUs that include vesting based on market conditions are estimated using the Monte Carlo valuation method. For PSUs with performance conditions, share-based compensation expense is only recognized if the performance conditions become probable to be satisfied. Compensation cost for these awards is amortized on a straight-line basis over the vesting period based on the grant date fair value, regardless of whether the market condition is satisfied. Accordingly, the Company recorded share-based compensation expense of \$358 and \$1,058 related to these RSUs and \$2,463 and \$971 related to these PSUs during the three and nine months ended September 30, 2024, respectively. During the three and nine months ended September 30, 2023, the Company recorded share-based compensation expense of \$577 and \$1,536 related to these RSUs and \$880 and \$2,388 related to these PSUs, respectively.																																																																
Table of Contents	MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS	SEPTEMBER 30, 2024	(In thousands of U.S. dollars, except share and per share data, or as otherwise noted) NOTE 13. SHARE-BASED PAYMENT - continued	Restricted Stock Units - continued	The non-vested shares activity for the nine months ended September 30, 2024 and 2023 was as follows:	Number of Non-Vested Shares	Weighted Average Grant Date Fair Value	Share (U.S.\$)	Outstanding as of December 31, 2023	3,598,606	3.07	Grant	79,909	1.40	Vested	(503,505)	2.65	Forfeited	(77,206)	2.9	Outstanding as of September 30, 2024	3,97,804	2.71	Outstanding as of December 31, 2021	2,22,837	6.92	Grant	3,354,633	1.88	Vested	(496,586)	3.39	Forfeited	(103,424)	4.59	Outstanding as of September 30, 2023	977,460	3.17	The total unrecognized equity-based compensation costs as of September 30, 2024 related to the non-vested shares was \$2,093. The following summarizes the classification of share-based compensation:																										
Three Months Ended September 30, 2024	Three Months Ended September 30, 2023	Cost of revenues	\$771.1	\$1,530.4	\$3,390.4	\$4,559.4	General and administrative expenses	\$392.4	\$1,444.9	\$19.2	\$35,031.4	Research and development expenses	\$1,604.1	\$2,953.4	\$9,024.6	\$6,604.6	Selling and marketing expenses	\$344.9	\$935.1	\$805.4	\$3,911.4	Construction in process	\$140.4	\$22.4	\$429.4	Total	\$6,309.4	\$16,002.4	\$30,311.4	\$52,070.4																																			
Table of Contents	MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS	SEPTEMBER 30, 2024	(In thousands of U.S. dollars, except share and per share data, or as otherwise noted) NOTE 14. CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE	On May 28, 2024, Microvast Inc. entered into a \$25,000 convertible loan agreement ("Loan Agreement") with Mr. Yang Wu, the Company's Chief Executive Officer and Chairman. The loan includes an Initial Term Loan of \$12,000 and a Delayed Draw Term Loan of \$13,000 at an initial interest rate equal to Secured Overnight Financing Rate ("SOFR"), plus an initial Applicable Margin of 9.75% per annum, 3.75% of which shall be paid in kind rather than in cash. The maturity date is November 28, 2025, which may be accelerated upon the occurrence and continuance of an event of default in accordance with the terms of the Loan Agreement. The Loan Agreement also provides Mr. Wu with the right to convert the outstanding principal balance of the Loan, into shares of common stock at an initial conversion rate equal to two shares of Common Stock per \$1.00 of principal amount to be converted. The Initial Term Loans of \$12,000 was received in May 2024 and the Delayed Draw Term Loan of \$13,000 was received in July 2024. The loan is secured by a first priority security interest in substantially all of its assets by Microvast Inc. and all other entities within the Group as guarantors. The Group has elected fair value option to account for the convertible loan. Direct costs and fees related to the convertible loan were expensed as incurred. The fair value was determined by using a discounted cash flow model for the bond component and a Black-Scholes-Merton model for the conversion option, which is considered a Level 3 fair value measurement. Subsequent changes in the fair value are recorded as gains (losses) in the unaudited condensed consolidated statement of operation. During the three and nine months ended September 30, 2024, a gain of \$2,764 and \$1,174 on fair value change of convertible loan with shareholder was recorded, respectively. The outstanding balance for the Convertible loan with shareholder was \$24,423 as of September 30, 2024. In connection with the convertible loan from Mr. Wu Yang, on May 28, 2024, the Company issued to Mr. Wu a warrant exercisable for 5,500,000 shares of Common Stock at an initial exercise price of \$2.00 per share. The warrant expires on May 28, 2029. No warrants were exercised during the period ended September 30, 2024. As of September 30, 2024, 5,500,000 warrants were outstanding and the Group recorded the warrant value of \$779 in additional paid in capital. Equity classified warrants were recorded at fair value at issuance with no changes recognized subsequent to the issuance date. The significant input of the discounted cash flow model for the bond component is the discount rate. Below are the key inputs used in Black-Scholes-Merton model for the conversion option:																																																													
September 30, 2024	Market price of public stock	\$0.25	Exercise price	\$0.50	Expected term (years)	1.16	Volatility	55.50	%Risk-free interest rate	3.85	%Dividend rate	0.00	%The market price of public stock is the quoted market price of the Company's Common Stock as of the valuation date. The exercise price is extracted from the warrant agreements. The expected term is derived from the exercisable years based on the warrant agreements. The expected volatility is estimated using a blend of the average volatility of peer companies and the Company's historical volatility. The risk-free interest rate was estimated based on the market yield of U.S. Government Bond with maturity close to the expected term of the warrants. The dividend yield was estimated by the Company based on its expected dividend policy over the expected term of the warrants.																																																				
Table of Contents	MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS	SEPTEMBER 30, 2024	(In thousands of U.S. dollars, except share and per share data, or as otherwise noted) NOTE 15. NET PROFIT/(LOSS) PER SHARE	The following table sets forth the computation of basic and diluted net profit/(loss) per share for the periods indicated:	Three Months Ended September 30, 2024	Three Months Ended September 30, 2023	Net profit/(loss) attributable to common stock shareholders	Basic	\$13,247.4	(\$26,130.5)	(\$90,019.5)	(\$81,800.0)	Changes in fair value of convertible loan	(2,764.4)	0.0	0.0	0.0	Net profit/(loss) attributable to common stock shareholders - Dilutive	10,483.4	(\$26,130.5)	(\$90,019.5)	(\$81,800.0)	Denominator	0.0	0.0	0.0	Weighted average common stock used in computing basic net profit/(loss) per share	320,545,388	313,108,457	317,153,113	309,541,499	4.994	Weighted-average effect of dilutive stocks	Add	Diluted effect of shares issuable upon exercise of non-vested shares	1,048,846	0.4	0.0	0.0	Diluted effect of shares issuable upon exercise of Capped non-vested shares	1,654,338	0.4	0.0	0.0	Diluted effect of shares issuable upon convert of convertible loan	433,782,609	0.4	0.0	0.0	Weighted average stock used in computing diluted net profit/(loss) per share	367,031,181	313,108,457	317,153,113	309,541,499	4.994	Basic net profit/(loss) per share	\$0.04	\$(0.08)	\$(0.28)	\$(0.26)	Diluted net profit/(loss) per share	\$0.03	\$(0.08)	\$(0.28)	\$(0.26)
Table of Contents	MICROVAST HOLDINGS, INC. NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS	SEPTEMBER 30, 2024	(In thousands of U.S. dollars, except share and per share data, or as otherwise noted) NOTE 15. NET PROFIT/(LOSS) PER SHARE	For the three and nine months ended September 30, 2024 and 2023, the following Common Stock outstanding were excluded from the calculation of diluted net loss per share, as their inclusion would have been anti-dilutive for the periods prescribed:	Three Months Ended September 30, 2024	Three Months Ended September 30, 2023	Shares issuable upon vesting of non-vested shares	3,393,937,000	2,437,000	30,946,124	28,437,000	Shares issuable upon vesting of Earn-out shares	999,997	19,999,988	14,963,495	19,999,988	Shares issuable that may be subject to cancellation	1,687,500	1,687,500	1,687,500	1,687,500	Shares issuable upon convert of convertible loan	0.4	0.0	0.0	0.0	NOTE 16. COMMITMENTS AND CONTINGENCIES																																						
Litigation	Corporate Governance Actions	The directors of Company predecessor, Tuscan, have been named as defendants in a litigation filed in the Court of Chancery captioned <i>Matt Jacob v. Stephen A.</i>																																																															

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operating period from a limited number of key customers, which vary from year to year. The following table summarizes net revenues from customers that accounted for over 10% of our net revenues for the periods indicated:

Three Months Ended September 30, 2024	2023	A\$4%	%18A	%B*15A	%C*12A	%Nine Months Ended September 30, 2024	2023																																																																																																																																																																																																																																					
\$30,242,023	\$44,341	\$15A	%B*14A	%D11A	**Revenue from such customers represented less than 10% of our revenue during the respective periods.	Cost of Revenues and Gross Profit	Cost of revenues includes direct and indirect materials, manufacturing overhead (including depreciation, freight and logistics), warranty reserves and expenses, write-down of obsolete inventories, and labor costs and related personnel expenses, including stock-based compensation and other related expenses that are directly attributable to the manufacturing of products. Gross profit is equal to revenues less cost of revenues. Gross profit margin is equal to gross profit divided by revenues.																																																																																																																																																																																																																																					
Operating Expenses	Operating expenses consist of selling and marketing, general and administrative and research and development expenses. Selling and marketing expenses consist primarily of personnel-related costs associated with our sales and marketing functions, including share-based compensation, and other expenses related to advertising and promotions of our products. We intend to hire additional sales personnel, initiate additional marketing programs and build additional relationships with our customers. Accordingly, we expect that our selling and marketing expenses will continue to increase in absolute dollars in the long term as we expand our business.	General and administrative expenses. General and administrative expenses consist primarily of personnel-related expenses associated with our executive team members, including share-based compensation, legal, finance, human resource and information technology functions, as well as fees for professional services, depreciation and amortization and insurance expenses. We expect to incur additional costs as we hire personnel and enhance our infrastructure to support the anticipated growth of our business.	Research and development expenses. Research and development expenses consist primarily of personnel-related expenses, including share-based compensation, raw material expenses relating to materials used for experiments, utility expenses and depreciation expenses attributable to research and development activities. Over time, we expect our research and development expense to increase in absolute dollars as we continue to make significant investments in developing new products, applications, functionality and other offerings.	Table of Contents	Subsidy Income	Government subsidies represent government grants received from local government authorities. The amounts of and conditions attached to each subsidy were determined at the sole discretion of the relevant governmental authorities. Our subsidy income is non-recurring in nature.	Other Income and Expenses	Other income and expenses consist primarily of interest expense associated with our debt financing arrangements, interest income earned on our cash balances, gains and losses from foreign exchange conversion, and gains and losses on disposal of assets.																																																																																																																																																																																																																																				
Income Tax Expense	We are subject to income taxes in the U.S. and foreign jurisdictions in which we do business, namely the PRC, Germany and the UK. These foreign jurisdictions have statutory tax rates different from those in the U.S. Accordingly, our effective tax rates will vary depending on the relative proportion of foreign to U.S. income, the absorption of foreign tax credits, changes in the valuation of our deferred tax assets and liabilities and changes in tax laws. We regularly assess the likelihood of adverse outcomes resulting from the examination of our tax returns by the U.S. Internal Revenue Service (the "IRS"), and other tax authorities to determine the adequacy of our income tax reserves and expense. Should actual events or results differ from our current expectations, charges or credits to our income tax expense may become necessary. Any such adjustments could have a significant impact on our results of operations.	Income tax in the PRC is generally calculated at 25% of the estimated assessable profit of our subsidiaries in the PRC, except that two of our PRC subsidiaries were qualified as "High and New Tech Enterprises" and thus enjoyed a preferential income tax rate of 15%. Federal corporate income tax rate of 21% is applied for our U.S. entity. Income tax in the UK is calculated at an average tax rate of 19% of the estimated assessable profit of our subsidiary in the UK. German enterprise income tax, which is a combination of corporate income tax and trade tax, is calculated at 29.9% of the estimated assessable profit of our subsidiary in Germany.	Table of Contents	Results of Operations	Comparison of the Three Months Ended September 30, 2024 to the Three Months Ended September 30, 2023	The following table sets forth our historical operating results for the periods indicated:	Three Months Ended September 30, 2024	\$30,242,023	Change	Change 2024	Amount in thousands	Revenues	\$101,388A	\$80,116A	\$21,272A	26.6A	%Cost of revenues	(67,776)	(62,232)	(5,544)	8.9A	%Gross profit	33,612A	17,884A	15,728A	87.9A	%33.2A	%22.3A	%Operating expenses	General and administrative expenses	(11,841)	(24,980)	13,139A	(52.6)%	Research and development expenses	(10,692)	(13,241)	2,549A	(19.3)%	Selling and marketing expenses	(4,963)	(6,031)	1,068A	(17.7)%	Impairment loss of long-lived assets	(12)	(422)	410A	(97.2)%	Total operating expenses	(27,508)	(44,674)	17,166A	(38.4)%	Subsidy income	1,082A	442A	640A	144.8A	%Profit/(loss) from operations	7,186A	(26,348)	33,534A	(127.3)%	Other income and expenses	Interest income	186A	582A	(396)	(68.0)%	Interest expense	(4,290)	(491)	(3,799)	773.7A	%Changes in fair value of warrant and convertible loan	2,766A	(42)	2,808A	(6685.7)%	Other income	7,399A	127A	7,272A	5726.0A	%Profit/(loss) before provision for income taxes	13,247A	(26,172)	39,419A	(150.6)%	Income tax expense	"A"	"A"	"A"	"A"	"A"	%Net profit/(loss)	\$13,247A	(\$26,172)	\$39,419A	(150.6)%	Less: net loss attributable to noncontrolling interests	"A"	(42)	42A	(100.0)%	Net profit/(loss) attributable to Microvast Holdings, Inc.'s shareholders	\$13,247A	(\$26,130)	\$39,377A	(150.7)%	Revenues	Our revenues increased from approximately \$80.1 million for the three months ended September 30, 2023 to approximately \$101.4 million for the same period in 2024, primarily driven by an increase in sales volume from approximately 319.2 MWh for three months ended September 30, 2023 to approximately 434.0 MWh for the same period in 2024.	Cost of Revenues and Gross Profit	Our cost of revenues for the three months ended September 30, 2024 increased by \$5.5 million, or 8.9%, compared to the same period in 2023. The increase in the cost of revenues was primarily in line with the increased sales, partially offset by \$0.8 million of decreased share-based compensation expenses. Our gross margin increased from 22.3% for the three months ended September 30, 2023 to 33.2% for the same period in 2024. The increase in gross margin was due to a combination of factors including better economies of scale through improving utilization, more favorable product mix and lower raw material prices.	Table of Contents	Operating Expenses	Selling and Marketing	Selling and Marketing expenses for the three months ended September 30, 2024 decreased by \$1.1 million or 17.7% compared to the same period in 2023. The decrease in Selling and Marketing expense was primarily due to \$0.4 million of decreased share-based compensation expenses and the expenditure control in the U.S. since May 2024.	General and Administrative	General and Administrative expenses for the three months ended September 30, 2024 decreased by \$13.1 million or 52.6% compared to the same period in 2023. The decrease in General and Administrative expenses was primarily due to \$7.1 million of decreased share-based compensation expenses and the expenditure control in the U.S. since May 2024.	Research and Development	Research and Development expenses for the three months ended September 30, 2024 decreased by \$2.5 million or 19.3% compared to the same period in 2023. The decrease in Research and Development expenses was primarily due to \$1.3 million of decreased share-based compensation expenses and the expenditure control in the U.S. since May 2024.	Other income	For the three months period ended September 30, 2024, we recorded \$7.4 million of other income mainly due to \$7.7 million gain on the payable concession during the third quarter of 2024. Changes in fair value of warrant and convertible loan	For the three months period ended September 30, 2024, we recorded a gain of \$2.8 million mainly due to the change in fair value of convertible loan with shareholder of \$2.8 million, details please see Note 14A "Convertible loan with shareholder measured at fair value."	Table of Contents	Comparison of the Nine Months Ended September 30, 2024 to the Nine Months Ended September 30, 2023	The following table sets forth our historical operating results for the periods indicated:	Nine Months Ended September 30, 2024	Change	Change 2024	Amount in thousands	Revenues	\$266,414A	\$202,042A	\$64,372A	31.9A	%Cost of revenues	(188,382)	(167,839)	(20,543)	12.2A	%Gross profit	78,032A	34,203A	43,829A	128.1A	%29.3A	%16.9A	%Operating expenses	General and administrative expenses	(59,146)	(68,874)	9,728A	(14.1)%	Research and development expenses	(32,291)	(33,609)	1,318A	(3.9)%	Selling and marketing expenses	(15,580)	(16,916)	1,336A	(7.9)%	Impairment loss of long-lived assets	(64,924)	(473)	(64,451)	13626.0A	%Total operating expenses	(171,941)	(119,872)	(52,069)	43.4A	%Subsidy income	2,351A	1,156A	1,195A	103.4A	%Operating loss	(91,558)	(84,513)	(7,045)	8.3A	%Other income and expenses	Interest income	551A	3,481A	(2,930)	(84.2)%	Interest expense	(8,116)	(1,437)	(6,679)	464.8A	%Changes in fair value of warrant and convertible loan	1,240A	(251)	2,655A	(5060.0)%	Other income	net	7,864A	673A	7,191A	1068.5A	%Loss before income tax	(90,019)	(81,821)	(8,198)	10.0A	%Income tax expense	"A"	"A"	"A"	"A"	"A"	%Net loss	\$(90,019)	\$(81,821)	\$(8,198)	10.0A	%Less: net loss attributable to noncontrolling interests	"A"	(21)	21A	(100.0)%	Net loss attributable to Microvast Holdings, Inc.'s shareholders	\$(90,019)	\$(81,800)	\$(8,219)	10.0A	Revenues	Our revenues increased from approximately \$202.0 million for the nine months ended September 30, 2023 to approximately \$266.4 million for the same period in 20

arrangements other than those described below. Lease Commitments We lease certain facilities and equipment under non-cancellable lease agreements that expire at various dates through 2036. For additional information, see NoteA 12A to "Leases," in the notes to the unaudited condensed consolidated financial statements in Part I, Item 1 of this Report on Form 10-Q. Purchase Commitments We regularly enter into non-cancelable contractual obligations primarily related to purchases of inventory. As of SeptemberA 30, 2024, such purchase commitments, which do not qualify for recognition on our Unaudited Condensed Consolidated Balance Sheets, amount to \$52.3A million , most of which is short-term. There have not been any other material changes during the three and nine months ended SeptemberA 30, 2024 to our contractual obligations included in our Annual Report on Form 10-K for the fiscal year ended DecemberA 31, 2023. Cash Flows The following table provides a summary of our cash flow data for the periods indicated: Nine Months Ended September 30, 2024 2023 Amount in thousands Net cash used in operating activities (3,287) (70,350) Net cash used in investing activities (11,972) (153,120) Net cash generated from financing activities 46,635A 12,153A Cash Flows from Operating Activities During the nine months ended SeptemberA 30, 2024, our operating activities used \$3.3 million in cash. This decrease in cash consisted of (1) a net loss of \$90.0 million and non-cash charges of \$135.2A million, of which \$22.4 million is depreciation of property, plant and equipment, \$30.3 million is non-cash share-based compensation expense and \$64.9 million is impairment loss from long-lived asset; and (2) a \$48.5A million decrease in cash flows from operating assets and liabilities including \$27.3A million cash inflow due to the net decrease of accounts receivable and notes receivable, \$4.1A million increase in inventories, \$54.7A million cash outflow from accounts payable and notes payable, \$30.8A million cash outflow from accrued and other liabilities and prepaid expense and other current asset, and \$13.8A million cash inflow from other operating assets and liabilities. 45Table of Contents Cash Flows from Investing Activities During the nine months ended SeptemberA 30, 2024, cash used in investing activities totaled \$12.0 million. This cash outflow primarily consisted of capital expenditures related to the expansion of our manufacturing facilities and to the purchase of property and equipment associated with our existing manufacturing and R&D facilities. Cash Flows from Financing Activities During the nine months ended SeptemberA 30, 2024, cash generated from financing activities totaled \$46.6 million. This cash inflow was a result of \$70.4 million proceeds from bank borrowings and \$25.0 million proceeds from Convertible loan offset by \$31.9 million repayment on bank borrowings and \$0.5 million of debt cost for Convertible loan, \$16.4 million of deferred payment related to purchases of property, plant and equipment. Critical Accounting Policies and Estimates Our unaudited condensed consolidated financial statements are prepared in accordance with U.S. GAAP. The preparation of these unaudited condensed consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, expenses and related disclosures. We evaluate our estimates and assumptions on an ongoing basis. Our estimates are based on historical experience and various other assumptions that we believe to be reasonable under the circumstances. Our actual results could differ from these estimates. There have been no substantial changes to these estimates, or the policies related to them during the nine months ended SeptemberA 30, 2024, except for the impairment of long-lived assets illustrated in below paragraphs. For other discussion of these estimates and policies, see to "Management" Discussion and Analysis of Financial Condition and Results of Operations - Critical Accounting Policies and Estimates in Item 7 of our Annual Report on Form 10-K for the year ended DecemberA 31, 2023. In accordance with ASC 360, Property, Plant, and Equipment (to "ASC 360"), we evaluate our long-lived assets, such as property and equipment, for impairment whenever events and circumstances indicate that the assets might be impaired due to the carrying amount of an asset group not being recoverable. When the projected undiscounted cash flows estimated to be generated by those assets are less than their carrying amounts, the assets are adjusted to their estimated fair value and an impairment loss is recorded as a component of operating expenses. For assets held for sales, the amount of potential impairment may be based upon appraisal of the asset, estimated market value of similar assets or estimated cash flow from the disposition of the asset. The evaluation of asset impairment requires us to make assumptions about future cash flows over the life of the asset being evaluated. These assumptions require significant judgment and actual results may differ from assumed and estimated amounts. During the first half year of 2024, we decided to pause the construction of the battery plant in Tennessee until additional funding for the remaining capital expenditure is secured. As a result, we reassessed the recoverability of the long-lived assets in the U.S. and utilized the residual method to estimate the fair value of the plant under construction located in Tennessee. For other long-lived assets in the U.S. to be disposed, we estimated market value or estimated cash flow from disposition of the assets. As a result of the assessment, we recorded impairment loss of long-lived assets \$0.0 million and \$0.4A million for the three months ended SeptemberA 30, 2024 and 2023, respectively, in operating expenses. We recorded impairment loss of long-lived assets of \$64.9 million and \$0.5A million for the nine months ended SeptemberA 30, 2024 and 2023, respectively, in operating expenses. Item 3. Quantitative and Qualitative Disclosures About Market Risk Interest Rate Exposure Risk Our cash and cash equivalents consist of cash and money market accounts. Such interest-earning instruments carry a degree of interest rate risk. To date, fluctuations in interest income have not been significant. In addition, our bonds payable bear interest at fixed rates and are not publicly traded. Our project finance loans in China contain a spread of 115 basis points over the Loan Prime Rate in China and accordingly are exposed to movements in that reference rate. Therefore, interest expense going forward could be materially affected by changes in the market interest rates. The primary objective of our investment activities is to preserve principal while maximizing income without significantly increasing risk. Because our cash equivalents have a short maturity, our portfolio's fair value is relatively insensitive to interest rate changes. We do not believe that an increase or decrease in interest rates of 100 basis points 46Table of Contents would have a material effect on our operating results or financial condition. In future periods, we will continue to evaluate our investment policy in order to ensure that we continue to meet our overall objectives. Foreign Currency Exchange Risk We have a large operational presence in China and a significant amount of our transactions are currently denominated in RMB. The volatility of exchange rates depends on many factors that we cannot forecast with reliable accuracy. We have experienced and will continue to experience fluctuations in our operating results as a result of transaction gains and losses related to translating certain cash balances, trade accounts receivable and payable balances, and intercompany balances that are denominated in currencies other than the U.S. Dollar, principally RMB. The effect of an immediate 10% adverse change in foreign exchange rates on Renminbi-denominated accounts as of SeptemberA 30, 2024, including intercompany balances, would result in a foreign currency loss of \$15.6A million. In the event our foreign sales and expenses increase, our operating results may be more affected by fluctuations in the exchange rates of the currencies in which we do business. At this time, we do not, but we may in the future, enter into derivatives or other financial instruments in an attempt to hedge our foreign currency exchange risk. It is difficult to predict the impact hedging activities would have on our results of operations. Credit Risk Our credit risk primarily relates to our trade and other receivables, restricted cash, cash equivalents and amounts due from related parties. We generally grant credit only to clients and related parties with good credit ratings and also closely monitor overdue debts. In this regard, we consider that the credit risk arising from our balances with counterparties is significantly reduced. The assumptions used in evaluating our exposure to credit losses associated with our financing receivables portfolio involve estimates and significant judgment. Holding other estimates constant, a hypothetical 100 basis points increase in the expected loss rate on the financing receivables portfolio would have resulted in an increase in the allowance for credit losses of approximately \$0.5A million as of SeptemberA 30, 2024. In order to minimize the credit risk, we have delegated a team responsible for determining credit limits, credit approvals and other monitoring procedures to ensure that follow-up action is taken to recover overdue debts. In addition, we review the recoverable amount of each individual debtor at the end of each reporting period to ensure that adequate impairment losses are made for irrecoverable amounts. We will negotiate with the counterparties of the debts for settlement plans or changes in credit terms, should the need arise. In this regard, we consider that our credit risk is significantly reduced. Seasonality We have historically experienced higher sales during our third and fourth fiscal quarters as compared to our first and second fiscal quarters. However, our limited operating history makes it difficult for us to judge the exact nature or extent of the seasonality of our business. Item 4. Controls and Procedures Evaluation of Disclosure Controls and Procedures Under supervision and with the participation of our management, including our Chief Executive Officer and Interim Chief Financial Officer, we evaluated the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of SeptemberA 30, 2024. Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were not effective as of SeptemberA 30, 2024, as a result of the material weakness identified below. In light of this material weakness, we performed additional analysis as deemed necessary to ensure that our financial statements were prepared in accordance with U.S. GAAP. Based on such analysis and notwithstanding the identified material weakness, management, including our Chief Executive Officer and Interim Chief Financial Officer, believe the unaudited condensed consolidated financial statements included in this Report on Form 10-Q fairly represent in all material respects our financial condition, results of operations and cash flows at and for the periods presented in accordance with U.S. GAAP. 47Table of Contents Material Weakness In connection with the audit of the financial year ended December 31, 2023, we identified certain control deficiencies in the design and operation of our internal controls over our financial reporting that constituted a material weakness in aggregation. A "material weakness" is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of our company's annual or interim financial statements will not be prevented or detected on a timely basis. The material weakness that has been identified relates to the design and implementation of IT general controls for IT system that are relevant to the preparation of the financial statements. Specifically, we did not design and maintain adequate user access controls to restrict user and privileged access to certain particular function of the ERP during the implementation, which could allow a skilled user with privileged access to access and potentially make changes to the system relevant to the preparation of the financial statements. Material Weakness Remediation Subsequent to the identification of the material weakness, we have taken steps to address the control deficiencies and implemented our remediation plan, which we believe addresses the underlying causes. We are executing on our remediation plan for the material weakness by removing all inappropriate access and establishing more robust processes to control the privileged access to our system including monthly review of the system log for any inappropriate access. While we believe these efforts have improved, and will continue to improve, our internal controls and address the underlying causes of the material weakness, the material weakness will not be remediated until our remediation plan has been fully implemented and tested and we have concluded that following the improvements, our IT general controls are operating effectively for a sufficient period of time. Changes in Internal Control Over Financial Reporting As described above, the Company is taking steps to remediate the material weakness noted above. Other than in connection with these remediation steps, there have been no changes in our internal control over financial reporting during the quarter ended SeptemberA 30, 2024, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. 48Table of Contents PART II - OTHER INFORMATION Item 1. Legal Proceedings For a description of our pending legal proceedings, please see Note 16. Commitments and Contingencies, to the consolidated financial statements included elsewhere in this Quarterly Report. While the lawsuits are being vigorously defended, the outcome of any litigation is inherently uncertain, and there is always the possibility that a court rules in a manner that is adverse to the interests of the Company and the individual defendants. However, the amount of any such loss in that scenario cannot be reasonably estimated at this time. Regardless of the outcome, litigation has the potential to have an adverse impact on us because of defense and settlement costs, diversion of management resources and other factors. Item 1A. Risk Factors In evaluating us and our common stock, we urge you to carefully consider the risks and other information in this Report on Form 10-Q, as well as the risk factors disclosed in Part I, Item 1A of our Annual Report on Form 10-K for the fiscal year ended DecemberA 31, 2023, and other reports that we have filed with the SEC. Any of these factors could result in a significant or material adverse effect on our results of operations or financial condition. Additional risk factors not presently known to us or that we currently deem immaterial may also impair our business or results of operations. We may disclose changes to such factors or disclose additional factors from time to time in our future filings with the SEC. Item 2. Unregistered Sales of Equity Securities and Use of Proceeds There were no unregistered sales of our equity securities during the three months ended SeptemberA 30, 2024. Item 3. Defaults upon Senior Securities None. Item 4. Mine Safety Disclosures Not applicable. Item 5. Other Information None. 49Table of Contents Item 6. Exhibits. The following exhibits are furnished as part of, or incorporated by reference into, this Report on Form 10-Q. Exhibit Number Exhibit Title 2.1-A Agreement and Plan of Merger, dated as of February 1, 2021, by and among Tuscan Holdings Corp., TSCN Merger Sub Inc., and Microvast, Inc. (incorporated by reference to the Company's definitive proxy statement on Schedule 14A, filed with the SEC on July 2, 2021). 3.1A Second Amended and Restated Certificate of Incorporation of Microvast Holdings, Inc. (incorporated by reference from Exhibit 3.1 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 3.2A Amended and Restated Bylaws of Microvast Holdings, Inc. (incorporated by reference from Exhibit 3.2 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 4.1A Specimen Common Stock Certificate (incorporated by reference from Exhibit 4.4 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 4.2A Specimen Warrant Certificate (incorporated by reference from Exhibit 4.5 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 4.3A Warrant Agreement (incorporated by reference from Exhibit 4.4 to the Company's Registration Statement on Form S-1, filed with the Company on February 26, 2019). 4.4A Registration Rights and Lock-Up Agreement, dated as of July 26, 2021, by and among (a) Microvast Holdings, Inc., (b) the Microvast Equity Holders, (c) the CL Holders, (d) Tuscan Holdings Acquisition LLC, Stefan M. Selig, Richard O. Rieger and Amy Butte, and (e) EarlyBird Capital, Inc. (incorporated by reference from Exhibit 4.1 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 4.5A Stockholders Agreement, dated July 26, 2021, by and among (a) Microvast Holdings, Inc., (b) Yang Wu and (c) Tuscan Holdings Acquisition LLC. (incorporated by reference from Exhibit 4.2 to the Company's Current Report on Form 8-K, filed with the SEC on July 28, 2021). 4.6 Common Stock Purchase Warrant, dated May 28, 2024, issued by the Company to Yang Wu (incorporated by reference from Exhibit 4.1 to the Company's Current Report on Form 8-K, filed with the SEC on June 4, 2024). 10.1 Offer Letter, dated as of October 11, 2024, by and between Microvast Holdings, Inc. and Fariyal Khanbabi. (incorporated by reference from Exhibit 10.1 to the Company's Current Report on Form 8-K, filed with the SEC on October 18, 2024). 31.1 Certification of Principal Executive Officer Pursuant to Securities Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. 31.2 Certification of Principal Financial Officer Pursuant to Securities Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. 32.1 Certification of Principal Executive Officer Pursuant to 18 U.S.C. Section 1350, as adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. 32.2 Certification of Principal Financial Officer Pursuant to 18 U.S.C. Section 1350, as adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. *Filed herewith. **Furnished. + Certain schedules to this Exhibit have been omitted in accordance with Item 601(b)(2) of Regulation S-K. The Company hereby agrees to hereby furnish supplementally a copy of all omitted schedules to the SEC upon request. 50Table of Contents SIGNATURE Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Report to be signed on its behalf by the undersigned hereunto duly authorized. Dated: NovemberA 12, 2024 MICROVAST HOLDINGS, INC. By: /s/ Fariyal Khanbabi Name: Fariyal Khanbabi Title: Chief Financial Officer 51 EX-31.1 2 mvst20240930-ex31.1.htm EX-31.1 Document EXHIBIT 31.1 CERTIFICATION PURSUANT TO RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 20021, Yang Wu, certify that: 1. I have reviewed this QUARTERLY REPORT on Form 10-Q for the quarter ended September 30, 2024 of Microvast Holdings, Inc.; 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under my supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; and c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and 5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the

a.All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; andb.Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal controls over financial reporting.Date: November 12, 2024By:/s/ Yang WuName:Yang WuTitle:Chief Executive Officer and Director(Principal Executive Officer) EX-31.2 3 mvst20240930-ex312.htm EX-31.2 DocumentEXHIBIT 32.1CERTIFICATION PURSUANT TO RULES 13a-14(a) And 15d-14(a)UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TOSECTION 302 OF THE SARBANES-OXLEY ACT OF 2002I, Fariyal Khanbabi, certify that:1.I have reviewed this Quarterly Report on Form 10-Q for the quarter ended September 30, 2024 of Microvast Holdings, Inc.;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrant’s other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:a.Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b.Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under my supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; andc.Evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd.Disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting; and5.The registrant’s other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of the registrant’s board of directors (or persons performing the equivalent functions):a.All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; andb.Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal controls over financial reporting.Date: November 12, 2024By:/s/ Fariyal KhanbabiName:Fariyal KhanbabiTitle:Chief Financial Officer (Principal Financial and Accounting Officer) EX-32.1 4 mvst20240930-ex321.htm EX-32.1 DocumentEXHIBIT 32.1CERTIFICATION PURSUANT TO18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002In connection with the Quarterly Report of Microvast Holdings, Inc. (the “Company”), on Form 10-Q for the quarter ended September 30, 2024, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Yang Wu, Chief Executive Officer and Director, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:(1)The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2)the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: November 12, 2024/s/ Yang WuName:Yang WuTitle:Chief Executive Officer and Director(Principal Executive Officer) EX-32.2 5 mvst20240930-ex322.htm EX-32.2 DocumentEXHIBIT 32.2CERTIFICATION PURSUANT TO18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002In connection with the Quarterly Report of Microvast Holdings, Inc. (the “Company”) on Form 10-Q for the quarter ended September 30, 2024, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Fariyal Khanbabi, Chief Financial Officer , certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:(1)The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2)the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.Date: November 12, 2024/s/ Fariyal KhanbabiName:Fariyal KhanbabiTitle:Chief Financial Officer (Principal Financial and Accounting Officer) EX-101.SCH 6 mvst-20240930.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS (Parentheticals) link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS’ EQUITY link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:definitionLink 9952157 - Disclosure - DESCRIPTION OF ORGANIZATION AND BUSINESS OPERATIONS link:presentationLink link:calculationLink link:definitionLink 9952158 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - ACCOUNTS RECEIVABLE link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - INVENTORIES, NET link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - PRODUCT WARRANTY link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - BANK BORROWINGS link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - OTHER NON-CURRENT LIABILITIES link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - BONDS PAYABLE link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - WARRANTS link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - FAIR VALUE MEASUREMENT link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - LEASES link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - SHARE-BASED PAYMENT link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - NET PROFIT/(LOSS) PER SHARE link:presentationLink link:calculationLink link:definitionLink 9952172 - Disclosure - COMMITMENTS AND CONTINGENCIES link:presentationLink link:calculationLink link:definitionLink 9952173 - Disclosure - SUBSEQUENT EVENTS link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES (Policies) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - ACCOUNTS RECEIVABLE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954474 - Disclosure - INVENTORIES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954475 - Disclosure - ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954476 - Disclosure - PRODUCT WARRANTY (Tables) link:presentationLink link:calculationLink link:definitionLink 9954477 - Disclosure - BANK BORROWINGS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954478 - Disclosure - OTHER NON-CURRENT LIABILITIES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954479 - Disclosure - BONDS PAYABLE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954480 - Disclosure - WARRANTS (Tables) link:presentationLink link:calculationLink link:definitionLink 9954481 - Disclosure - FAIR VALUE MEASUREMENT (Tables) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - LEASES (Tables) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - SHARE-BASED PAYMENT (Tables) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - NET PROFIT/(LOSS) PER SHARE (Tables) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - Going Concern (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - 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Disclosure - INVENTORIES, NET - Schedule of Inventories (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - INVENTORIES, NET - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES - Schedule of Accrued Expenses and Other Current Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - PRODUCT WARRANTY - Schedule of Movement of Product Warranty (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - PRODUCT WARRANTY - Schedule of Warranty Cost (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - BANK BORROWINGS - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - BANK BORROWINGS - Schedule of Bank Borrowings Repayment (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - BANK BORROWINGS - Schedule of Bank Borrowings (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - BANK BORROWINGS - Schedule of Banking Facilities and Aggregate Carrying Amount (Details) link:presentationLink link:calculationLink link:definitionLink 9954503 - Disclosure - OTHER NON-CURRENT LIABILITIES - Schedule of Other Non-Current Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954504 - Disclosure - BONDS PAYABLE - Schedule of Bonds Payable (Details) link:presentationLink link:calculationLink link:definitionLink 9954505 - Disclosure - BONDS PAYABLE - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954506 - Disclosure - WARRANTS - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - WARRANTS - Schedule of Under the Binomial-Lattice Model (the “BLM”) that Assumes Optimal Exercise of the Company’s Redemption Option (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - 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Disclosure - SHARE-BASED PAYMENT - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954515 - Disclosure - SHARE-BASED PAYMENT - Schedule of Stock Options (Details) link:presentationLink link:calculationLink link:definitionLink 9954516 - Disclosure - SHARE-BASED PAYMENT - Schedule Non-vested Shares Activity (Details) link:presentationLink link:calculationLink link:definitionLink 9954517 - Disclosure - SHARE-BASED PAYMENT - Schedule of Classification of Stock-based Compensation (Details) link:presentationLink link:calculationLink link:definitionLink 9954518 - Disclosure - CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954519 - Disclosure - CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE - Fair Value Measurement Inputs and Valuation Techniques (Details) link:presentationLink link:calculationLink link:definitionLink 9954520 - Disclosure - NET PROFIT/(LOSS) PER SHARE - Schedule of Computation of Basic and Diluted Net Loss Per Share (Details) link:presentationLink link:calculationLink link:definitionLink 9954521 - Disclosure - NET PROFIT/(LOSS) PER SHARE - Schedule of Shares Outstanding Were Excluded from the Calculation of Diluted Net Loss Per Ordinary Share (Details) link:presentationLink link:calculationLink link:definitionLink 9954522 - Disclosure - COMMITMENTS AND CONTINGENCIES (Details) link:presentationLink link:calculationLink link:definitionLink 9954523 - Disclosure - SUBSEQUENT EVENTS (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 7 mvst-20240930 cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 8 mvst-20240930 def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 9 mvst-20240930 lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Warrant issued (in shares) Stock Issued During Period, Shares, Stock Splits Bond loan Bond Loan Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Line Items] Adjustments to reconcile net loss to net cash used in operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Shares issuable upon vesting of Earn-out shares Vesting Of Earn-out Shares [Member] Vesting Of Earn-out Shares Reserves percentage Common Stock Reserved for ESOP Plan Statistical Measurement [Domain] Statistical Measurement [Domain] CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE Related Party Transactions Disclosure [Text Block] Supplemental Cash Flow Information Related to Leases Lease, Cost [Table Text Block] Cover [Abstract] Weighted average grant date fair value, outstanding at beginning (in dollars per share) Weighted average grant date fair value, outstanding at ending (in dollars per share) Share Based Compensation Arrangement by Share Based Payment Award Options Outstanding Weighted Average Grant Date Fair Value Outstanding Weighted average grant date fair value, Outstanding, Thereafter Lessee, Operating Lease, Liability, to be Paid, after Year Five Increase (decrease) in cash, cash equivalents and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Notes payable Notes Payable, Current Summary of the Annual Undiscounted Cash Flows for Lease Liabilities Maturity Analysis Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Other current liabilities Other Liabilities, Current Trading Symbol Trading Symbol Comprehensive profit/(loss) Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest Long-term debt, term Long-Term Debt, Term Schedule of Computation of Basic and Diluted Net Loss Per Share Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Diluted effect of shares issuable upon convert of convertible loan (in shares) Incremental Common Shares Attributable To Dilutive Effect Of Convertible Loan Incremental Common Shares Attributable To Dilutive Effect Of Convertible Loan Proceeds on disposal of property, plant and equipment Proceeds on Disposal of Property Plant and Equipment Assets held for sale Assets Held For Sale, Policy [Policy Text Block] Assets Held For Sale, Policy 2022 Facility Agreement 2022 Facility Agreement [Member] 2022 Facility Agreement Allowance for credit losses Allowance for credit losses Accounts Receivable, Allowance for Credit Loss, Current Deferred subsidy income- non-current Deferred Subsidy Income Noncurrent Deferred subsidy income “non-current. Accounts receivable Increase (Decrease) in Accounts Receivable Bank Borrowing [Roll Forward] Bank Borrowing [Roll Forward] Operating lease liabilities Increase (Decrease) in Operating Lease Liability FAIR VALUE MEASUREMENT Fair Value Disclosures [Text Block] Short-term bank borrowings Short-Term Borrowings And Line Of Credit, Current Short-Term Borrowings And Line Of Credit, Current LEASES Lessee, Operating Leases [Text Block] Common stock, shares outstanding (in shares) Beginning balance (in shares) Ending balance (in shares) Common Stock, Shares, Outstanding Operating lease, cost Operating Lease, Cost Class of Warrant or Right [Axis] Class of Warrant or Right [Axis] Proceeds from maturity of short-term investments Proceeds from Sale and Maturity of Marketable Securities Loss contingency, damages sought, retainage Loss Contingency, Damages Sought, Retainage Loss Contingency, Damages Sought, Retainage Operating lease liabilities Operating Lease, Liability, Noncurrent Debt instrument term, description Debt Instrument Term Description [Policy Text Block] Advance from customers Contract with Customer, Liability, Current Exercise price (in dollars per share) Sale of Stock, Price Per Share June 10, 2026 June 10, 2026 [Member] June 10, 2026 Public Warrants Public Warrants [Policy Text Block] Warrants [Abstract] Warrants [Abstract] Warrants [Abstract] U.S. UNITED STATES Other non-current assets Other Assets, Noncurrent Entity Tax Identification Number Entity Tax Identification Number Leases [Abstract] Antidilutive Securities, Name

[Domain] Antidilutive Securities, Name [Domain] Warrant redemption, trading days Class of Warrant or Right, Threshold Trading Days ACCOUNTS RECEIVABLE Loans, Notes, Trade and Other Receivables Disclosure [Text Block] Net cash used in operating activities Net Cash Provided by (Used in) Operating Activities Cash flows from operating activities Net Cash Provided by (Used in) Operating Activities [Abstract] Secured Debt Secured Debt [Member] Stock price minimum to redeem warrants (in dollars per share) Class of Warrant or Right, Stock Price Minimum Shares issued (in shares) Stock Issued During Period, Shares, Purchase of Assets Equity Components [Axis] Equity Components [Axis] Convertible debt and warrants, fair value Convertible Debt And Warrants, Measurement Input Convertible Debt And Warrants, Measurement Input Weighted average exercise price, expected to vest and exercisable (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Exercise Price Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Supply Commitment [Axis] Supply Commitment [Axis] Use of estimates Use of Estimates, Policy [Policy Text Block] BONDS PAYABLE Bonds Payable [Text Block] Goods, Services And Materials Goods, Services And Materials [Member] Goods, Services And Materials Entity Small Business Entity Small Business Geographical [Axis] Geographical [Axis] Payment for debt issue costs Payments of Debt Issuance Costs 2029 Lessee, Operating Lease, Liability, to be Paid, Year Five Warrant Warrant Liability [Policy Text Block] Significant Unobservable Inputs (Level 3) Fair Value, Inputs, Level 3 [Member] Bernhard MCC v. Hodess Cleanroom Construction, LLC, Bernhard MCC v. Hodess Cleanroom Construction, LLC, Hodess Construction Corporation, Microvast, Inc., and The Industrial Development Board of the County of Montgomery [Member] Bernhard MCC v. Hodess Cleanroom Construction, LLC, Hodess Construction Corporation, Microvast, Inc., and The Industrial Development Board of the County of Montgomery Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Award Date [Axis] Award Date [Axis] Total Accrued Expense And Other Liabilities, Current Accrued Expense And Other Liabilities, Current Number of securities called by warrants (in shares) Class of Warrant or Right, Number of Securities Called by Warrants or Rights Antidilutive securities excluded from computation of earnings per share, amount Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount Commitments and Contingencies (Details) [Line Items] Commitments and Contingencies (Details) [Line Items] Commitments and Contingencies (Details) [Line Items] Impairment loss from long-lived asset Impairment loss from long-lived asset Impairment of Long-Lived Assets to be Disposed of Dividend rate Measurement Input, Expected Dividend Rate [Member] Shares issuable that may be subject to cancellation Subject To Cancellation Of Shares [Member] Subject To Cancellation Of Shares Impairment of long-lived assets Impairment or Disposal of Long-Lived Assets, Policy [Policy Text Block] Total cash, cash equivalents and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Current assets: Assets, Current [Abstract] Commitments and Contingencies (Details) [Table] Commitments and Contingencies (Details) [Table] Commitments and Contingencies (Details) [Table] INVENTORIES, NET Inventory Disclosure [Text Block] Receivables from customers Receivable from Customer in Brokerage Utilized during the period Standard and Extended Product Warranty Accrual, Decrease for Payments Interest paid during the period Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Interest Paid Product and Service [Domain] Product and Service [Domain] Entity Information [Line Items] Entity Information [Line Items] Stock option Share-Based Payment Arrangement, Option [Member] Short-term lease, cost Short-Term Lease, Cost Weighted average grant date fair value per share, non-vested shares, vested (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Fair Value Disclosures [Abstract] Fair Value Disclosures [Abstract] Warrant term Warrant Term 2025 Lessee, Operating Lease, Liability, to be Paid, Year One Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table] Antidilutive Security, Excluded EPS Calculation [Table] Statutory reserves Statutory Reserve [Member] Total comprehensive profit/(loss) attributable to Microvast Holding, Inc.'s shareholders Comprehensive Income (Loss), Net of Tax, Attributable to Parent Income tax payables Accrued Income Taxes, Current Security Exchange Name Security Exchange Name Warrants Warrant [Member] Debt instrument, basis spread on variable rate Debt Instrument, Basis Spread on Variable Rate Award Type [Axis] Award Type [Axis] Related Party Transaction [Domain] Related Party Transaction [Domain] Tuscan Holdings Corp and EarlyBirdCapital, Inc. Tuscan Holdings Corp and Early Bird Capital Inc [Member] December 10, 2024 December 10, 2024 [Member] December 10, 2024 Number of Non-Vested Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] Work in process Inventory, Work in Process, Net of Reserves Property, plant and equipment, net Property, Plant and Equipment, Net Schedule of Movement of Product Warranty Schedule of Product Information [Table Text Block] Stock option Stock or Unit Option Plan Expense Total Liabilities Liabilities Short-term bank borrowings Short-Term Debt Weighted average exercise price, exercisable (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Exercise Price Shares issuable upon convert of convertible loan Convertible Debt [Member] Bernhard MCC, LLC, vs. U.S. Engineering Innovations, LLC, DPR Construction, Microvast, Inc. and the Industrial Development Board of the County of Montgomery Bernhard MCC, LLC, vs. U.S. Engineering Innovations, LLC, DPR Construction, Microvast, Inc. and the Industrial Development Board of the County of Montgomery Common stock, par value (in dollars per share) Common Stock, Par or Stated Value Per Share Research and development expenses Research and Development Expense Schedule of Share-based Compensation Arrangements by Share-based Payment Award [Table] Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Cash flows from investing activities Net Cash Provided by (Used in) Investing Activities [Abstract] Warrants [Line Items] Warrants [Line Items] Warrants [Line Items] Warrants [Line Items] Class of warrant or right, number of securities called by each warrant or right (in shares) Class of Warrant or Right, Number of Securities Called by Each Warrant or Right Operating lease liabilities, current Operating Lease, Liability, Current Common stock, shares issued (in shares) Common Stock, Shares, Issued Schedule of Bonds Payable [Line Items] Schedule of Bonds Payable [Line Items] Schedule of Bonds Payable [Line Items] Line of credit facility, maximum borrowing capacity Line of Credit Facility, Maximum Borrowing Capacity Accrued Liabilities and Other Liabilities [Abstract] Accrued Liabilities and Other Liabilities [Abstract] Foreign currency translation adjustments Temporary Equity, Foreign Currency Translation Adjustments Bank Borrowings [Abstract] Bank Borrowings [Abstract] Warrant liability Derivative Liability Long-Term Purchase Commitment, Category of Item Purchased [Domain] Long-Term Purchase Commitment, Category of Item Purchased [Domain] Subsequent Event [Line Items] Subsequent Event [Line Items] Dividend rate Warrants, Valuation Method, Expected Dividend Rate Repayments of principal Repayments Of Principal Repayments Of Principal Revenue recognized Revenue Related to Contracts Balance It represent revenue related to contract balance. Volatility Warrants, Fair Value Assumptions, Expected Volatility Rate Debt Instrument [Line Items] Debt Instrument [Line Items] Liens amount Liens Amount Liens Amount Weighted Average Exercise Price (U.S.\$) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract] Expected term (years) Warrants, Fair Value Assumptions, Expected Term Europe Europe [Member] Common stock, shares authorized (in shares) Common Stock, Shares Authorized Basis of presentation Basis of Accounting, Policy [Policy Text Block] Weighted average shares used in calculating net profit/(loss) per share of common stock, diluted (in shares) Weighted average shares used in calculating net profit/(loss) per share of common stock, diluted (in shares) Weighted Average Number of Shares Outstanding, Diluted Payables for purchase of property, plant and equipment Payables for Purchase of Property Plant and Equipment The amount of payables for purchase of property plant and equipment. Other Asia & Pacific countries Other Asia And Pacific Countries [Member] Other Asia And Pacific Countries Long-Term Debt, Type [Axis] Long-Term Debt, Type [Axis] Research and development expenses Other Research and Development Expense BANK BORROWINGS Bank Borrowings [Text Block] BankBorrowings Proceeds from bank borrowings Proceeds from Issuance of Debt Warrants (Details) [Line Items] Warrants (Details) [Line Items] Warrants (Details) [Line Items] Related Party Related Party [Member] Litigation Case [Axis] Litigation Case [Axis] Interest expense Interest Expense, Nonoperating Share Options Share Options [Member] Gains on restructuring of debt Gains (Losses) on Restructuring of Debt Category of Item Purchased [Axis] Category of Item Purchased [Axis] Schedule of Bank Borrowings Repayment Schedule Of Bank Borrowings Repayment [Table Text Block] Repayments of convertible debt (in dollars and yuan renminbi) Repayments of Convertible Debt Initial Lender Warrants Initial Lender Warrants [Member] Initial Lender Warrants Accounts receivable (net of allowance for credit losses of \$3,832 and \$4,571 as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023, respectively) Accounts receivable, net Accounts Receivable, after Allowance for Credit Loss, Current Number of shares, grant (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Held-for-sale assets Asset, Held-for-Sale, Not Part of Disposal Group, Current Non-current Long-Term Debt Document Fiscal Period Focus Document Fiscal Period Focus Diluted effect of shares issuable upon vesting of non-vested shares (in shares) Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements Accounts receivable Accounts Receivable, before Allowance for Credit Loss, Current Weighted average remaining contractual, outstanding Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term Assets Assets [Abstract] Expected dividend yields Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Dividend Rate Restricted cash, current Restricted Cash, Current Document Type Document Type Cash, cash equivalents and restricted cash at beginning of the period Cash, cash equivalents and restricted cash at end of the period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Including Disposal Group and Discontinued Operations Weighted average remaining contractual life, exercisable Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term Other income and expenses: Other Income and Expenses [Abstract] Number of non-vested shares, vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Exercise price (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Exercise Price Total Microvast Holdings, Inc. Shareholdersâ™ Equity Parent [Member] Risk-free interest rate Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate Schedule of Shares Outstanding Were Excluded from the Calculation of Diluted Net Loss Per Ordinary Share Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value [Table Text Block] Subsequent Event [Table] Subsequent Event [Table] Maximum Maximum [Member] Denominator [Abstract] Denominator Antidilutive Securities [Axis] Antidilutive Securities [Axis] Accounts payable Accounts Payable, Current Accounting Policies [Abstract] Accounting Policies [Abstract] Liabilities Liabilities [Abstract] Aggregate intrinsic value Aggregate Intrinsic Value of the Share Options Aggregate intrinsic value of the share options. Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Table] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Table] Litigation settlement, net Gain (Loss) from Litigation Settlement Weighted average grant date fair value, exercisable (in dollars per share) Share-Based Compensation Arrangement By Share-Based Payment Award, Options, Exercisable, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Grant Date Fair Value Shares issuable upon exercise of warrants Exercise Of Warrants [Member] Exercise Of Warrants Long-term debt, percentage bearing variable interest, percentage rate Long-Term Debt, Percentage Bearing Variable Interest, Percentage Rate Schedule of Stock Option Activity Plan Schedule of Share-Based Payment Award, Stock Options, Valuation Assumptions [Table Text Block] Current Fiscal Year End Date Current Fiscal Year End Date Less: Imputed interest Lessee, Operating Lease, Liability, Undiscounted Excess Amount Working capital Working Capital Significant Accounting Policies [Line Items] Significant Accounting Policies [Line Items] Short-term investments Short-Term Investments Risk-free interest rate Warrants, Fair Value Assumptions, Risk Free Interest Rate Statistical Measurement [Axis] Statistical Measurement [Axis] Profit/(loss) before provision for income taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest Award Type [Domain] Award Type [Domain] Issuance of common stock in connection with vesting of share-based awards (in shares) Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Weighted-average period Net Amount at Risk by Product and Guarantee, Weighted Average Period Remaining Additional paid-in capital Additional Paid-in Capital [Member] June 10, 2025 June 10, 2025 [Member] June 10, 2025 Subsequent Event Type [Domain] Subsequent Event Type [Domain] Schedule of Bonds Payable Schedule of Bonds Payable [Table Text Block] Schedule of bonds payable. Restricted cash, non-current Restricted Cash, Noncurrent Recent accounting pronouncements not yet adopted New Accounting Pronouncements, Policy [Policy Text Block] General and administrative expenses Other General and Administrative Expense Forecast Forecast [Member] Diluted net profit/(loss) per share (in dollars per share) Earnings Per Share, Diluted Class of Stock [Axis] Class of Stock [Axis] Counterparty Name [Domain] Counterparty Name [Domain] Noncash lease expenses Operating Lease, Right-of-Use Asset, Periodic Reduction Entity Interactive Data Current Entity Interactive Data Current Advance from customers Increase (Decrease) in Contract with Customer, Liability Weighted average remaining contractual life, expected to vest and exercisable Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Remaining Contractual Term Asia & Pacific Asia And Pacific [Member] Asia And Pacific Changes in fair value of warrant and convertible loan Fair Value Adjustment of Warrants Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Accrued expenses and other liabilities Increase (Decrease) in Other Accounts Payable and Accrued Liabilities Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] CHINA CHINA Bonds Payable [Abstract] Bonds Payable [Abstract] Product warranty, current Product warranty â€” current Product Warranty Accrual, Current Share-based compensation Share-Based Payment Arrangement, Noncash Expense Selling and marketing expenses Selling and Marketing Expense Net profit/(loss) Net profit/(loss) Net loss Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Income tax expense Income Tax Expense (Benefit) Debt instrument, interest rate, stated percentage Debt Instrument, Interest Rate, Stated Percentage Warrant Liability Warrant Liability [Member] Warrant Liability Issuance of warrants(Not 14) Adjustments to Additional Paid in Capital, Warrant Issued Net profit/(loss) attributable to common stock shareholders-Dilutive Net Income (Loss) Available to Common Stockholders, Diluted Machinery and equipment Pledged Machinery And Equipment Pledged Machinery And Equipment Revenue Revenue from Contract with Customer, Excluding Assessed Tax Other income Nonoperating Income (Expense) Other non-current liabilities Increase (Decrease) in Other Noncurrent Liabilities Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Interest costs capitalized Interest Costs Capitalized Cash and cash equivalents Cash Equivalents, at Carrying Value Provision for obsolete inventories Inventory Write-down Cost of revenues Share-based Compensation Cost Of Sales The amount of cost of sales related to sharebased compensation. Net cash used in investing activities Net Cash Provided by (Used in) Investing Activities Profit/(loss) from operations Operating Income (Loss) Weighted Average Remaining Contractual Life Weighted Average Remaining Contractual Life [Abstract] Weighted Average Remaining Contractual Life Inventories Inventories [Member] Warrants [Table] Warrants [Table] Total Liabilities and Equity Liabilities and Equity SUBSEQUENT EVENTS Subsequent Events [Text Block] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Prepaid expenses and other current assets Increase (Decrease) in Prepaid Expense and Other Assets Additional paid-in capital Additional Paid in Capital Plan expire date Standby Bond Purchase Commitment, Expiration Period Exchange difference Exchange Difference Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Right-of-use assets obtained in exchange for new operating lease liabilities Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Total payable concession Settlement Liabilities, Total Payable Concession Settlement Liabilities, Total Payable Concession Measurement Input Type [Axis] Measurement Input Type [Axis] Scenario [Domain] Scenario [Domain] Faith Technologies, Inc. Faith Technologies, Inc. Microvast, Inc. et al. [Member] Faith Technologies, Inc. Microvast, Inc. et al. Related Party Transaction [Axis] Related Party Transaction [Axis] Schedule of Banking Facilities and Aggregate Carrying Amount Schedule of Banking Facilities and Aggregate Carrying Amount [Table Text Block] Accumulated other Comprehensive loss AOCI Attributable to Parent [Member] Weighted average exercise price, forfeited (in dollars per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Forfeitures in Period, Weighted Average Exercise Price Restricted cash Restricted Cash Expected term (years) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Term Inventories, net Total Inventory, Net Warrant redemption price (in dollars per share) Class of Warrant or Right, Redemption Price of Warrants or Rights Long-Term Debt, Type [Domain] Long-Term Debt, Type [Domain] Product and Service [Axis] Product and Service [Axis] Product warranty Product Warranty Expense Entity Address, State or Province Entity Address, State or Province Statement [Line Items] Statement [Line Items] Measurement Input Type [Domain] Measurement Input Type [Domain] Class of warrant or right, exercisable period Class of Warrant or Right, Exercisable Period Class of Warrant or Right, Exercisable Period Operating expenses: Operating Expenses [Abstract] Subsidy income Subsidy Income Exchange difference Accounts Receivable, Exchange Difference Accounts Receivable, Exchange Difference Weighted average grant date fair value per share, non-vested shares, outstanding at beginning (in dollars per share) Weighted average grant date fair value per share, non-vested shares, outstanding at ending (in dollars per share) Share-Based Compensation

Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Balance at the beginning of the period Balance at end of the period Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability Value Total Stock Based Compensation Total Summarizes the classification of stock-based compensation. Pledging Purpose [Axis] Pledging Purpose [Axis] Loss contingency, new claims filed Loss Contingency, New Claims Filed, Number Minimum Minimum [Member] Related Party Transactions [Abstract] Related Party Transactions [Abstract] Interest income Interest Income Weighted average exercise price, outstanding at beginning (in dollars per share) Weighted average exercise price, outstanding at ending (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Operating lease right-of-use assets Operating Lease, Right-of-Use Asset Number of shares, outstanding at beginning (in shares) Number of shares, outstanding at ending (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number (Reversal)/ allowance of credit losses Reversal of expenses Accounts Receivable, Credit Loss Expense (Reversal) Schedule of Classification of Stock-based Compensation Disclosure of Share-Based Compensation Arrangements by Share-Based Payment Award [Table Text Block] Stock-based compensation expense Deferred Compensation Arrangement with Individual, Allocated Share-Based Compensation Expense Total financial liability Financial Liabilities Fair Value Disclosure NET PROFIT/(LOSS) PER SHARE Earnings Per Share [Text Block] Significant Accounting Policies [Table] Significant Accounting Policies [Table] Selling and marketing expenses Other Selling and Marketing Expense Total Pledged Total Asset Subsequent Event Subsequent Event [Member] Shareholdersâ€™ Equity Equity, Attributable to Parent [Abstract] Weighted average grant date fair value per share, non-vested shares, grant (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Ending balance Bank Borrowings Ending Balance Schedule of Bank Borrowings Schedule of Bank Borrowings [Table Text Block] Entities [Table] Entities [Table] Virginia Transformer Corp. v. Microvast, Inc.and the Industrial Development Board of the County of Montgomery, Tennessee Virginia Transformer Corp. v. Microvast, Inc.and the Industrial Development Board of the County of Montgomery, Tennessee Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Acquired intangible assets, net Intangible Assets, Net (Excluding Goodwill) DPR Construction GP DPR Construction, GP vs. Microvast, Inc., et al [Member] DPR Construction, GP vs. Microvast, Inc., et al Schedule of Allowance for Credit Losses Schedule of Allowance for Doubtful Accounts [Table Text Block] The entire disclosure of allowance for doubtful accounts. Receivables [Abstract] Receivables [Abstract] Weighted Average Grant Date Fair Value (U.S.\$) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract] Changes in fair value of convertible loan Gain (Loss) On Fair Value Of Convertible Note Gain (Loss) On Fair Value Of Convertible Note Other non-current assets Increase (Decrease) in Other Noncurrent Assets Number of shares, expected to vest and exercisable (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Number Convertible loan borrowing from a shareholder Proceeds from Related Party Debt Volatility Measurement Input, Price Volatility [Member] Related Party [Domain] Related and Nonrelated Parties [Domain] Accrued expenses and other current liabilities Accrued Expenses And Other Liabilities, Current Accrued Expenses And Other Liabilities, Current Local Phone Number Local Phone Number PRODUCT WARRANTY Product Warranty Disclosure [Text Block] Liability Class [Axis] Liability Class [Axis] Amortization of land use right and intangible assets Amortization of Land Use Right and Intangible Assets The aggregate expense charged against earnings to allocate the cost of amortization of land use right and intangible assets. Beginning balance Ending balance Total Debt, Long-Term and Short-Term, Combined Amount Total operating expenses Operating Expenses Volatility Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate Buildings Pledged Buildings Construction in progress Pledged Construction In Progress Pledged Construction In Progress Peopleâ€™s Republic of China ("PRC") PRC [Member] PRC Changes in operating assets and liabilities: Increase (Decrease) in Operating Capital [Abstract] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Interest payable Interest Payable, Current Capital Commitments Capital Commitments [Member] Capital Commitments Entity Ex Transition Period Entity Ex Transition Period Write off Accounts Receivable, Write Off Accounts receivable Write off. Debt instrument, convertible amount, subsidiary value threshold Debt Instrument, Convertible Amount, Subsidiary Value Threshold Debt Instrument, Convertible Amount, Subsidiary Value Threshold COMMITMENTS AND CONTINGENCIES Commitments and Contingencies Disclosure [Text Block] Common Stock Common Stock [Member] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Line Items] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Line Items] Issuance of common stock in connection with vesting of share-based awards Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Market price of public stock (in dollars per share) Share Price Schedule of Reconciliation of the Beginning and Ending Balances for Level 3 Warrant Liability Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Table Text Block] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Table] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Table] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Table] Fair Value Measurement (Details) - Schedule of fair value measurements of groupâ€™s assets and liabilities of recurring basis [Table] Granted (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Net of Forfeitures Entity Emerging Growth Company Entity Emerging Growth Company Net gain (loss) within net earnings (loss) Gain (Loss) on Convertible Debt And Warrants Gain (Loss) on Convertible Debt And Warrants Capped Non-vested Shares Units Capped Non-vested Shares Units [Member] Capped Non-vested Shares Units Schedule of Under the Binomial-Lattice Model (â€œBLMâ€) that Assumes Optimal Exercise of the Companyâ€™s Redemption Option Schedule of Under the Binomial-Lattice Model (â€œBLMâ€) that Assumes Optimal Exercise of the Companyâ€™s Redemption Option [Table Text Block] Share-based compensation liability Deferred Compensation Liability, Classified, Noncurrent Warrant redemption, consecutive trading days Class of Warrant or Right, Threshold Consecutive Trading Days Entity Central Index Key Entity Central Index Key Loss contingency, damages sought, value Loss Contingency, Damages Sought, Value Scenario [Axis] Scenario [Axis] Paid in kind, interest rate Debt Instrument, Interest Rate, Paid in Kind Debt Instrument, Interest Rate, Paid in Kind Schedule of Inventories Schedule of Inventory, Current [Table Text Block] ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Current [Text Block] Financing Receivable, Allowance for Credit Loss [Roll Forward] Financing Receivable, Allowance for Credit Loss [Roll Forward] Provided during the period Standard and Extended Product Warranty Accrual, Increase for Warranties Issued Weighted average grant date fair value per share, non-vested shares, forfeited (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Nonvested Options Forfeited, Weighted Average Grant Date Fair Value Performance Based Restricted Stock Unit (PSU Performance Based Restricted Stock Unit (PSU) [Member] Performance Based Restricted Stock Unit (PSU) Equity Component [Domain] Equity Component [Domain] Product warranty â€™ non-current Product warranty - non-current Product Warranty Accrual, Noncurrent Changes in fair value Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Earnings Numerator: Numerator Abstract Numerator Abstract Share-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Risk-free interest rate Measurement Input, Risk Free Interest Rate [Member] Entity Shell Company Entity Shell Company Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code WARRANTS Warrants [Text Block] Class of warrant or right, notice of redemption, minimum period Class of Warrant or Right, Notice of Redemption, Minimum Period Statement [Table] Statement [Table] Deferred payment related to purchases of property, plant and equipment Deferred Payment Related To Purchases Of Property, Plant And Equipment Deferred Payment Related To Purchases Of Property, Plant And Equipment Counterparty Name [Axis] Counterparty Name [Axis] SIGNIFICANT ACCOUNTING POLICIES Significant Accounting Policies [Text Block] Comprehensive loss attributable to non-controlling interests Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest Notes receivable Note Receivables, Net, Current City Area Code City Area Code Current liabilities: Liabilities, Current [Abstract] Revenue recognition Revenue [Policy Text Block] Purchase of short-term investments Payments to Acquire Short-Term Investments Quoted Prices in Active Market for Identical Assets (Level 1) Fair Value, Inputs, Level 1 [Member] Total Current Assets Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Non-cash investing and financing activities Noncash Investing and Financing Items [Abstract] Proceeds from borrowings Proceeds from Bank Debt Number of shares, exercisable (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Number Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] December 10, 2025 December 10, 2025 [Member] December 10, 2025 Fair Value Measurement Inputs and Valuation Techniques Fair Value Measurement Inputs and Valuation Techniques [Table Text Block] Weighted Average Grant Date Fair Value Per Share (U.S.\$) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract] Weighted average grant date fair value, grant (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Expected term (years) Measurement Input, Expected Term [Member] Subsequent Event Type [Axis] Subsequent Event Type [Axis] 2028 Lessee, Operating Lease, Liability, to be Paid, Year Four Net profit/(loss) per common share Earnings Per Share [Abstract] Capital Commitments Capital Addition Purchase Commitments [Member] Raw materials Inventory, Raw Materials, Net of Reserves Accumulated deficit Retained Earnings (Accumulated Deficit) Schedule Non-vested Shares Activity Schedule of Nonvested Share Activity [Table Text Block] Class of Stock [Domain] Class of Stock [Domain] Related Party Transaction [Line Items] Related Party Transaction [Line Items] Inventories Increase (Decrease) in Inventories Shares issuable upon vesting of non-vested shares Vesting Of Non-vested Shares [Member] Vesting Of Non-vested Shares General and administrative expenses General and Administrative Expense Operating lease right-of-use assets Increase (Decrease) In Operating Lease, Right-Of-Use Asset Increase (Decrease) In Operating Lease, Right-Of-Use Asset Organization, Consolidation and Presentation of Financial Statements [Abstract] Convertible loan with shareholder Debt, Policy [Policy Text Block] Operating lease, weighted average discount rate, percent Operating Lease, Weighted Average Discount Rate, Percent Present value of operating lease liabilities Operating Lease, Liability Net cash generated from financing activities Net Cash Provided by (Used in) Financing Activities Exchange difference Standard and Extended Product Warranty Accrual, Foreign Currency Translation Gain (Loss) Supplement agreements entered into Supplement Agreements Entered Into Supplement Agreements Entered Into Product Warranties Disclosures [Abstract] Product Warranties Disclosures [Abstract] Amendment Flag Amendment Flag Pledging Purpose [Domain] Pledging Purpose [Domain] Repayment amount (in dollars and yuan renminbi) Debt Instrument of Repayment Amount Entity Registrant Name Entity Registrant Name Gross profit Gross profit Gross Profit Foreign currency translation adjustment Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Schedule of Warranty Cost Schedule of Product Warranty Liability [Table Text Block] Subsequent Events [Abstract] Subsequent Events [Abstract] Significant Other Observable Inputs (Level 2) Fair Value, Inputs, Level 2 [Member] Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV [Domain] Geographical [Domain] Geographical [Domain] Loan amount Debt Instrument, Face Amount Disaggregation of Revenue Disaggregation of Revenue [Table Text Block] Proceeds from short-term debt Proceeds from Short-Term Debt Balance at beginning of the period Balance at end of the period Standard and Extended Product Warranty Accrual Entity Address, Postal Zip Code Entity Address, Postal Zip Code Consolidation Consolidation, Policy [Policy Text Block] Title of 12(b) Security Title of 12(b) Security Other Liabilities, Noncurrent [Abstract] Other Liabilities, Noncurrent [Abstract] Common Stock (par value of US\$0.0001 per share, 750,000,000 and 750,000,000 shares authorized as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023; 323,815,298 and 316,694,442 shares issued, and 322,127,798 and 315,006,942 shares outstanding as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023) Common Stock, Value, Issued Subscribed amount (in dollars and yuan renminbi) Debt Instrument of Subscribed Amount December 10, 2026 December 10, 2026 [Member] December 10, 2026 Share-based Payment Arrangement [Abstract] Share-Based Payment Arrangement [Abstract] Exchange ratio Exchange Ratio Exchange ratio, Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Exercise price (in dollars per share) Warrants, Fair Value Assumptions, Exercise Price Schedule of Accrued Expenses and Other Current Liabilities Accrued Expenses and Other Current Liabilities [Table Text Block] Accounts payable Increase (Decrease) in Other Accounts Payable Current settlement liabilities Settlement Liabilities, Current Weighted average grant date fair value per share, non-vested shares, forfeited (in dollars per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Repayment of bank borrowings Repayments of Bank Debt Loss on disposal of property, plant and equipment Gain (Loss) On Disposal Of Property Plant And Equipment Gain (Loss) On Disposal Of Property Plant And Equipment Delayed Draw Term Loan (DDTL) Delayed Draw Term Loan (DDTL) [Member] Fair Value by Liability Class [Domain] Fair Value by Liability Class [Domain] Cash flows from financing activities Net Cash Provided by (Used in) Financing Activities [Abstract] Convertible loan with shareholder measured at fair value Convertible Debt, Noncurrent Long-term bank borrowings Long-Term Line of Credit, Noncurrent Number of Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Accrued expenses Accrued Liabilities Construction in process Share based Compensation Construction in Process The amount of construction in process related to sharebased compensation. Basic net profit/(loss) per share (in dollars per share) Earnings Per Share, Basic Total Product Warranty Total Value of product warranty including current and non current. Cash payments for operating leases Operating Lease, Payments Movement in Standard and Extended Product Warranty Accrual, Increase (Decrease) [Roll Forward] Movement in Standard and Extended Product Warranty Accrual, Increase (Decrease) [Roll Forward] Payable for purchase of property, plant and equipment Capital Expenditures Incurred but Not yet Paid Net profit/(loss) attributable to common stock shareholders-Basic Net Income (Loss) Available to Common Stockholders, Basic Total Current Liabilities Liabilities, Current Shares issuable upon exercise of stock options Exercise Of Stock Options [Member] Exercise Of Stock Options OTHER NON-CURRENT LIABILITIES Other Liabilities Disclosure [Text Block] Total Assets Assets Compensation cost Share-Based Payment Arrangement, Plan Modification, Incremental Cost Long-term line of credit Long-Term Line of Credit Number of non-vested shares, grant (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Capital contribution from non-controlling interests holder Noncontrolling Interest, Increase from Subsidiary Equity Issuance Purchases of property, plant and equipment Payments to Acquire Property, Plant, and Equipment Other non-current liabilities Other non-current liabilities Other Liabilities, Noncurrent Commitments and contingencies (Note 16) Commitments and Contingencies Other non-current payable Other Sundry Liabilities, Noncurrent Statutory reserves Statutory Accounting Practices, Statutory Capital and Surplus, Balance Write-down for obsolete inventories Provision for Obsolete Inventories Amount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. Notes payable Increase (Decrease) in Notes Payable The amount of increase and decrease in notes payable. Class of Warrant or Right [Domain] Class of Warrant or Right [Domain] DESCRIPTION OF ORGANIZATION AND BUSINESS OPERATIONS Nature of Operations [Text Block] Related Party Transaction [Table] Related Party Transaction [Table] Initial exercise price (in dollars per share) Class of Warrant or Right, Exercise Price of Warrants or Rights Revenues Bank Acceptance Note Bank Acceptance Note [Member] Bank Acceptance Note 2026 Lessee, Operating Lease, Liability, to be Paid, Year Two SHARE-BASED PAYMENT Share-Based Payment Arrangement [Text Block] Land use rights Pledged Land Use Rights Entity Address, City or Town Entity Address, City or Town Proceeds from issuance of long-term debt Proceeds from Issuance of Long-Term Debt Recoveries of credit losses Accounts Receivable, Allowance for Credit Loss, Recovery Changes in fair value of warrant and convertible loan Changes in fair value of warrant and convertible loan Gain on Change in Fair Value of Warrant Liability And Convertible Note Gain on Change in Fair Value of Warrant Liability And Convertible Note Weighted average grant date fair value, expected to vest and exercisable (in dollars per share) Share Based Compensation Arrangement by Share Based Payment Award Options Outstanding Weighted Average Grant Date Fair Value Expected to Vest and Exercisable Weighted average grant date fair value, Expected to vest and exercisable. Operating leases Lessee, Leases [Policy Text Block] Debt Instrument [Axis] Debt Instrument [Axis] Schedule of Effective Time Fair Value of the Stock Options was Determined Using the BLM Share-Based Payment Arrangement, Option, Activity [Table Text Block] Compensation expense Share-Based Payment Arrangement, Expense Convertible loan with shareholder measured at fair value Convertible Debt, Fair Value Disclosures Net profit/(loss) attributable to Microvast Holdings, Inc.'s shareholders Net Income (Loss) Attributable to Parent Weighted average exercise price, granted (in dollars per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Number of non-vested shares, forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Stoncor Group, Inc. Stoncor Group, Inc. [Member] Stoncor Group, Inc. Initial conversion rate Debt Instrument, Conversion Terms, Common Stock Conversion, Initial Conversion Rate, Per \$1.00 Debt Instrument, Conversion Terms, Common Stock Conversion, Initial Conversion Rate, Per \$1.00 Entity File Number Entity File

Number Document Fiscal Year Focus Document Fiscal Year Focus Non- controlling Interests Noncontrolling Interest [Member] Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Entity Address, Address Line Two Entity Address, Address Line Two Capital commitments Commitment And Contingencies, Capital Commitments Capital commitments for construction of property and purchase of property, plant and equipment. Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Effect of exchange rate changes Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Weighted average shares used in calculating net profit/(loss) per share of common stock Weighted Average Number of Shares Outstanding, Basic [Abstract] Total financial asset Assets, Fair Value Disclosure Balance at beginning of the period Balance at end of the period Allowance for Doubtful Account Receivable Other accrued liabilities, current Other Accrued Liabilities, Current Three months period ending December 31, 2024 Lessee, Operating Lease, Liability, to be Paid, Remainder of Fiscal Year Operating lease, weighted average remaining lease term Operating Lease, Weighted Average Remaining Lease Term Award Date [Domain] Award Date [Domain] Document Period End Date Document Period End Date Schedule of Accounts Receivable Schedule of Accounts Receivable [Table Text Block] Schedule of Accounts Receivable Long-term bonds payable, Total Long Term Bonds Payable Total of long term bonds payable. Finished goods Inventory, Finished Goods, Net of Reserves Land use rights, net Land Use Rights, Net Total future lease payments Lessee, Operating Lease, Liability, to be Paid Number of non-vested shares, outstanding (in shares) Number of non-vested shares, outstanding at ending balance (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Inventory Disclosure [Abstract] Inventory Disclosure [Abstract] Issuance of convertible loan with shareholder Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Issuances Notes receivable Increase (Decrease) in Notes Receivables 2027 Lessee, Operating Lease, Liability, to be Paid, Year Three Long-term bonds payable Long Term Bonds Payables Carrying value of long term bonds payable. Market price of public stock Measurement Input, Share Price [Member] Huzhou Saiyuan Huzhou Saiyuan [Member] Huzhou Saiyuan Accrued payroll and welfare Accrued Payroll and Welfare Cost of revenues Cost of Revenue Warrants outstanding Warrants and Rights Outstanding Prepaid expenses and other current assets Prepaid Expense and Other Assets, Current Less: net loss attributable to noncontrolling interests Net Income (Loss) Attributable to Noncontrolling Interest Document Transition Report Document Transition Report Document Quarterly Report Document Quarterly Report Equity holding pledged percentage Equity Holding Pledged Percentage Purchase obligation Purchase Obligation Schedule of Other Non-Current Liabilities Schedule of Other Non-Current Liabilities [Table Text Block] Interest expense Interest Expense, Operating Litigation Case [Domain] Litigation Case [Domain] Accumulated other comprehensive loss Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Accumulated deficit Retained Earnings [Member] Shares issuable upon vesting of Capped non-vested shares Vesting Of Capped Non-vested Shares [Member] Vesting Of Capped Non-vested Shares Restricted cash Restricted Cash and Cash Equivalents Related Party [Axis] Related and Nonrelated Parties [Axis] Weighted average shares used in calculating net profit/(loss) per share of common stock, basic (in shares) Weighted Average Number of Shares Outstanding, Basic Exercise price Measurement Input, Exercise Price [Member] Depreciation of property, plant and equipment Depreciation, Nonproduction Total Equity Beginning balance Ending balance Stockholders' equity, including portion attributable to noncontrolling interest Equity, Including Portion Attributable to Noncontrolling Interest Restricted Stock Units (RSUs) Restricted Stock Units (RSUs) [Member] Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Diluted effect of shares issuable upon exercise of Capped non-vested shares (in shares) Incremental Common Shares Attributable To Dilutive Effect Of Capped Nonvested Shares Incremental Common Shares Attributable To Dilutive Effect Of Capped Nonvested Shares Supply Commitment Arrangement [Domain] Supply Commitment Arrangement [Domain] Public Warrants Public Warrants [Member] Public Warrants Schedule of Bonds Payable [Table] Schedule of Bonds Payable [Table] Number of shares, forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period Emerging Growth Company Emerging Growth Company [Policy Text Block] It repays emerging growth company policy text block. Other tax payable Accrual for Taxes Other than Income Taxes Loan Agreement Loan Agreement [Member] Loan Agreement Entity Filer Category Entity Filer Category EX-101.PRE 10 mvst-20240930_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT XML 12 RI.htm IDEA: XBRL DOCUMENT v3.24.3 Cover - shares 9 Months Ended Sep. 30, 2024 Nov. 08, 2024 Entity Information [Line Items] A A Document Type 10-Q A Document Quarterly Report true A Document Period End Date Sep. 30, 2024 A Document Transition Report false A Entity Registrant Name Microvast Holdings, Inc. A Entity Incorporation, State or Country Code DE A Entity File Number 001-38826 A Entity Tax Identification Number 83-2530757 A Entity Address, Address Line One 12603 Southwest Freeway A Entity Address, Address Line Two Suite 300 A Entity Address, City or Town Stafford A Entity Address, State or Province TX A Entity Address, Postal Zip Code 77477 A City Area Code (281) A Local Phone Number 491-9505 A Entity Current Reporting Status Yes A Entity Interactive Data Current Yes A Entity Filer Category Accelerated Filer A Entity Small Business false A Entity Emerging Growth Company true A Entity Ex Transition Period false A Entity Shell Company false A Entity Common Stock, Shares Outstanding A 323,815,298 Entity Central Index Key 0001760689 A Current Fiscal Year End Date -12-31 A Document Fiscal Year Focus 2024 A Document Fiscal Period Focus Q3 A Amendment Flag false A Common Stock A A Entity Information [Line Items] A A Title of 12(b) Security Common stock, par value \$0.0001 per share A Trading Symbol MVST A Security Exchange Name NASDAQ A Warrants A A Entity Information [Line Items] A A Title of 12(b) Security Redeemable warrants, exercisable for shares of common stock A Trading Symbol MVSTW A Security Exchange Name NASDAQ A X - Definition Boolean flag that is true when the XBRL content admits previously-filed or accepted submission. + References No definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Area code of city + References No definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition End date of current fiscal year in the format --MM-DD. + References No definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - Definition Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + References No definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - Definition This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + References No definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:yearItemType Balance Type: na Period Type: duration X - Definition For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + References No definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true only for a form used as an quarterly report. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true only for a form used as a transition report. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + References No definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - Definition Address Line 1 such as Attn, Building Name, Street Name + References No definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Address Line 2 such as Street or Suite number + References No definition available. + Details Name: dei_EntityAddressAddressLine2 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Name of the City or Town + References No definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Code for the postal or zip code + References No definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Name of the state or province. + References No definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - Definition A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - Definition Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + References No definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - Definition Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + References No definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - Definition Indicate if registrant meets the emerging growth company criteria. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Indicate if an emerging growth company has elected not to use the extended transition period for complying with any new or revised financial accounting standards. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Securities Act -Number 7A -Section B -Subsection 2 + Details Name: dei_EntityExTransitionPeriod Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + References No definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - Definition Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - Definition Two-character EDGAR code representing the state or country of incorporation. + References No definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - Definition Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + References No definition available. + Details Name: dei_EntityInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - Definition The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Indicates that the company is a Smaller Reporting Company (SRC). + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - Definition Local phone number for entity. + References No definition available. + Details Name: dei_LocalPhone Number Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - Definition Title of a 12(b) registered security. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - Definition Name of the Exchange on which a security is registered. + References Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - Definition Trading symbol of an instrument as listed on an exchange. + References No definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_StatementClassOfStockAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementClassOfStockAxis=us-gaap_WarrantMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 13 R2.htm IDEA: XBRL DOCUMENT v3.24.3 UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS - USD (\$) in Thousands Sep. 30, 2024 Dec. 31, 2023 Current assets: A A Cash and cash equivalents \$ 63,585 \$ 44,541 Restricted cash, current 40,361 37,477 Short-term investments 0 5,634 Accounts receivable (net of allowance for credit losses of \$3,832 and \$4,571 as of SeptemberA 30, 2024 and DecemberA 31, 2023, respectively) 121,539 138,717 Notes receivable 10,937 23,736 Inventories, net 157,769 149,749 Prepaid expenses and other current assets 23,483 25,752 Held-for-sale assets 19,897 0 Total Current Assets 437,571 425,606 Restricted cash, non-current 11,021 6,171 Property, plant and equipment, net 527,160 620,667 Land use rights, net 11,902 11,984 Acquired intangible assets, net 2,788 3,136 Operating lease right-of-use assets 19,468 19,507 Other non-current assets 11,090 9,661 Total Assets 1,021,000 1,096,732 Current liabilities: A A Accounts payable 65,589 112,618 Notes payable 56,314 63,374 Accrued expenses and other current liabilities 104,202 148,284 Advance from customers 42,950 43,087 Short-term bank borrowings 66,177 35,392 Income tax payables 656 655 Total Current Liabilities 335,888 403,410 Long-term bonds payable 43,157 43,157 Long-term bank borrowings 53,397 43,761 Warrant liability 1 67 Share-based compensation liability 119 199 Operating lease liabilities 16,326 17,087 Convertible loan with shareholder measured at fair value 24,423 0 Other non-current liabilities 38,486 24,861 Total Liabilities 511,797 532,542 Commitments and contingencies (Note 16) Shareholders' Equity A A Common Stock (par value of US\$0.0001 per share, 750,000,000 and 750,000,000 shares authorized as of SeptemberA 30, 2024 and DecemberA 31, 2023; 323,815,298 and 316,694,442 shares issued, and 322,127,798 and 315,006,942 shares outstanding as of SeptemberA 30, 2024 and DecemberA 31, 2023) 33 32 Additional paid-in capital 1,512,410 1,481,241 Statutory reserves 6,032 6,032 Accumulated deficit (987,520) (897,501) Accumulated other comprehensive loss (21,752) (25,614) Total Equity 509,203 564,190 Total Liabilities and Equity \$ 1,021,000 \$ 1,096,732 X - Definition Accrued Expenses And Other Liabilities, Current + References No definition available. + Details Name: mvst_AccruedExpensesAndOtherLiabilitiesCurrent Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - References No definition available. + Details Name: mvst_LandUseRightsNet Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X -

DefinitionCarrying value of long term bonds payable. + ReferencesNo definition available. + Details Name: mvst LongTermBondsPayables Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: mvst NoteReceivablesNetCurrent Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionShort-Term Borrowings And Line Of Credit, Current + ReferencesNo definition available. + Details Name: mvst ShortTermBorrowingsAndLineOfCreditCurrent Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(19\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10> + Details Name: us-gaap AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2> + Details Name: us-gaap AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all currently due domestic and foreign income tax obligations. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(15\)\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1) + Details Name: us-gaap AccruedIncomeTaxesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14A>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(h\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(30\)\(a\)\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(23\)\(a\)\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14> + Details Name: us-gaap AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of excess of issue price over par or stated value of stock and from other transaction involving stock or stockholder. Includes, but is not limited to, additional paid-in capital (APIC) for common and preferred stock. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(18\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(30\)\(a\)\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1) + Details Name: us-gaap AdditionalPaidInCapital Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: <http://www.xbrl.org/2003/role/exampleRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 5: [http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 6: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(bb\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25](http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(iii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef-Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 12: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 13: <http://www.xbrl.org/2003/role/exampleRef-Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(12\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 18: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph 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Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(5\)\) -Publisher FASB -URI 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Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 27: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(v\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(v)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 28: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 30: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(11\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1) + Details Name: us-gaap Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(bb\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef-Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 6: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1>Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef-Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 10:

Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(17\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-599-1>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(25\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(19\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-599-1>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(15\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-599-1> + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(29\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 2: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(22\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-599-1> + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8](http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2> + Details Name: us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount of long-term convertible debt as of the balance sheet date, net of the amount due in the next twelve months or greater than the normal operating cycle, if longer. The debt is convertible into another form of financial instrument, typically the entity's common stock. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(22\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22))) -SubTopic 10 -Topic 210 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1> + Details Name: us-gaap_ConvertibleDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate carrying value as of the balance sheet date of the liabilities for all deferred compensation arrangements payable beyond one year (or the operating cycle, if longer). + ReferencesNo definition available. + Details Name: us-gaap_DeferredCompensationLiabilityClassifiedNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(bbb\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 16: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph \(a\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(9\)\(e\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-599-1>Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph \(SX 210.12-13C\(Column H\)\(Footnote 7\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(9\)\(b\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-599-1>Reference 20: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(9\)\(d\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-599-1>Reference 21: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SX 210.12-13\(Column G\)\(Footnote 8\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph \(SX 210.12-13C\(Column H\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 23: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SX 210.12-13C\(Column E\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13C(Column E))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 24: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph \(SX 210.12-13A\(Column E\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 25: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph \(SX 210.12-13B\(Column E\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 26: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph \(SX 210.12-13B\(Column E\)\(Footnote 4\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-599-5>Reference 27: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3)Reference 28: <http://www.xbrl.org/2003/role/exampleRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22>Reference 29: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10>Reference 30: <http://www.xbrl.org/2003/role/disclosureRef-Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10> + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1> + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 2: [http://www.xbrl.org/2003/role/exampleRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1](http://www.xbrl.org/2003/role/exampleRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(6\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1> + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(22\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22))) -SubTopic 10 -Topic 210 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(20\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(24\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 4: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(19\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 5: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(25\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25))) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1>Reference 6: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(26\)\)](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26))) -

Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25>: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26): [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27): [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28):

Accounting Standards Codification - Section S99 - Paragraph 1 - Subparagraph (SX 210.9-03(5)) - Publisher FASB - URI https://asc.fasb.org/1943274/214747856/942-210-S99-1Reference 2:

ReferencesNo definition available. + Details Name: mvst. SubTopic: mvst. InterestIncome Namespace Prefix: mvst. Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: mvst. SubTopic: mvst. InterestIncome Namespace Prefix: mvst. Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate cost of goods produced and sold and services rendered during the reporting period. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 48-Publisher FASB-URI https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph \(SX 210.5-03\(2\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-59-2](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 2-Subparagraph (SX 210.5-03(2))-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-59-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.4-08(g)(1)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480678/235-10-59-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph \(f\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef-Topic 825-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 28-Subparagraph (f)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 7: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(ii\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(ii))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 170-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/170-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 170-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iii)(A))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/170-10-59-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(i))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(B))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iii\)\(B\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iii)(B))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(iv\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(5\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(5))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-59-1) + Details Name: us-gaap. CostOfRevenue Namespace Prefix: us-gaap. Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap. EarningsPerShareAbstract Namespace Prefix: us-gaap. Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Publisher FASB-URI https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/exampleRef-Topic 260-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 52-Publisher FASB-URI https://asc.fasb.org/1943274/2147482635/260-10-55-52>Reference 3: [http://www.xbrl.org/2](http://www.xbrl.org/2003/role/disclosureRef-Topic 805-SubTopic 60-Name Accounting Standards Codification-Section 65-Paragraph 1-Subparagraph (g)-Publisher FASB-URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)

Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_GrossProfit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of write-downs for impairments recognized during the period for long-lived assets held for abandonment, exchange or sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-15 + Details Name: us-gaap_ImpairmentOfLongLivedAssetsToBeDisposedOf Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncomeStatementAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.1.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as nonoperating. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of Net Income (Loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B + Details Name: us-gaap_NetIncomeLossAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGenerally

operating costs associated with normal operation except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. - ReferencesNo definition available. - Details Name: us-gaap OperatingExpensesAbstract Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. - Details Name: us-gaap OperatingExpensesAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType

Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. - ReferencesReference 1:

Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap Data Type: xbrli:shareItem Type Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap Data Type: xbrli:shareItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap WeightedAverageNumberOfSharesOutstandingBasicAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 16 R5.htm IDEA: XBRL DOCUMENT v3.24.3 UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS - USD (\$) in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Statement of Comprehensive Income [Abstract] A A A Net profit/(loss) \$ 13,247 \$ (26,172) \$ (90,019) \$ (81,821) Foreign currency translation adjustment 11,473 (2,192) 3,862 (18,006) Comprehensive profit/(loss) 24,720 (28,364) (86,157) (99,827) Comprehensive loss attributable to non-controlling interests 0 (54) 0 (183) Total comprehensive profit/(loss) attributable to Microvast Holding, Inc.'s shareholders \$ 24,720 \$ (28,310) \$ (86,157) \$ (99,644) X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-21Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature, attributable to parent entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 31: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4JReference 32: http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4KReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 34: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-2Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap ProfitLoss Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 17 R6.htm IDEA: XBRL DOCUMENT v3.24.3 UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY - USD (\$) in Thousands Total Total Microvast Holdings, Inc. Shareholders' Equity Common Stock Additional paid-in capital Accumulated deficit Accumulated other Comprehensive loss Statutory reserves Non-controlling interests Beginning balance (in shares) at Dec. 31, 2022 A A 307,628,511 A A A Beginning balance at Dec. 31, 2022 \$ 612,977 \$ 612,977 \$ 31 \$ 1,416,160 \$ (791,165) \$ (18,081) \$ 6,032 \$ 0 Increase (Decrease) in Stockholders' Equity [Roll Forward] A A A A A A A Net profit/(loss) (81,821) (81,800) A A (81,800) A A (21) Capital contribution from non-controlling interests holder 2,174 A A A A 2,174 Issuance of common stock in connection with vesting of share-based awards 0 A \$ 1 (1) A A A Issuance of common stock in connection with vesting of share-based awards (in shares) A 7,218,814 A A A Share-based compensation 52,014 52,014 A 52,014 A A Foreign currency translation adjustments (18,006) (17,844) A A (17,844) A (162) Ending balance (in shares) at Sep. 30, 2023 A 314,847,325 A A A Ending balance at Sep. 30, 2023 567,338 565,347 \$ 32 1,468,173 (872,965) (33,925) 6,032 1,991 Beginning balance (in shares) at Jun. 30, 2023 A 307,938,943 A A A Beginning balance at Jun. 30, 2023 579,717 577,672 \$ 31

1,452,189 (846,835) (33,745) 6,032 2,045 Increase (Decrease) in Stockholders' Equity [Roll Forward] A A A A A A Net profit/(loss) (26,172) (26,130) A A (26,130) A A (42) Issuance of common stock in connection with vesting of share-based awards 0 A \$ 1 (1) A A A A Issuance of common stock in connection with vesting of share-based awards (in shares) A A 6,908,382 A A A A Share-based compensation 15,985 15,985 A 15,985 A A A Foreign currency translation adjustments (2,192) (2,180) A A (2,180) A (12) Ending balance (in shares) at Sep. 30, 2023 A 314,847,325 A A A A Ending balance at Sep. 30, 2023 A 567,338 565,347 \$ 32 1,468,173 (872,965) (35,925) 6,032 \$ 1,991 Beginning balance (in shares) at Dec. 31, 2023 315,006,942 A 315,006,942 A A A A Beginning balance at Dec. 31, 2023 A 564,190 564,190 \$ 32 1,481,241 (897,501) (25,614) 6,032 A Increase (Decrease) in Stockholders' Equity [Roll Forward] A A A A A A Net profit/(loss) \$ (90,019) (90,019) A A (90,019) A A Issuance of common stock in connection with vesting of share-based awards 0 \$ 1 (1) A A A A Issuance of common stock in connection with vesting of share-based awards (in shares) A A 7,120,856 A A A A Share-based compensation A 30,391 A 30,391 A A A A Issuance of warrants(Note 14) A 779 A 779 A A A A Foreign currency translation adjustments A 3,862 A A 3,862 A A Ending balance (in shares) at Sep. 30, 2024 322,127,798 A 322,127,798 A A A A Ending balance at Sep. 30, 2024 A 509,203 509,203 \$ 33 1,512,410 (987,520) (21,752) 6,032 A Beginning balance (in shares) at Jun. 30, 2024 A 315,510,447 A A A A Beginning balance at Jun. 30, 2024 A 478,103 \$ 32 1,506,031 (1,000,767) (33,225) 6,032 A Increase (Decrease) in Stockholders' Equity [Roll Forward] A A A A A A Net profit/(loss) \$ 13,247 A 13,247 A A A A Issuance of common stock in connection with vesting of share-based awards 0 \$ 1 (1) A A A A Issuance of common stock in connection with vesting of share-based awards (in shares) A A 6,617,351 A A A A Share-based compensation A 6,380 A 6,380 A A A A Foreign currency translation adjustments A 11,473 A A 11,473 A A Ending balance (in shares) at Sep. 30, 2024 322,127,798 A 322,127,798 A A A A Ending balance at Sep. 30, 2024 A 509,203 \$ 33 1,512,410 (987,520) \$ (21,752) 6,032 A X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13>Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in additional paid in capital (APIC) resulting from the issuance of warrants. Includes allocation of proceeds of debt securities issued with detachable stock purchase warrants. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -SubTopic 20 -Section 25 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481284/470-20-25-2 + Details Name: us-gaap AdjustmentsToAdditionalPaidInCapitalWarrantIssued Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(29\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.6-05\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2)Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(4\)\(b\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(16\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 6: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-23](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap CommonStockSharesOutstanding Namespace Prefix: us-gaap Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase in noncontrolling interest from subsidiary issuance of equity interests to noncontrolling interest holders. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-23)Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 10 -Section S99 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(2) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap NoncontrollingInterestIncreaseFromSubsidiaryEquityIssuance Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 7: <http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147478009/946-205-45-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3)Reference 13: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(16\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI 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Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-05\(b\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1)Reference 30: <http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 31: <http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4J>Reference 32: <http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher 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https://asc.fasb.org/1943274/2147481112/505-10-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap ProfitLoss Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(28\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1)

323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(a\)\(3\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (a)(3)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph \(c\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479832/842-10-65-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 10 -Name Accounting Standards 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-Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-5)Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-5)Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(iii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(h\)\(1\)\(iv\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(i\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6](http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 23: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2)Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph \(d\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph \(d\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph \(d\) -Publisher FASB -URI 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https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7)Reference 30: <http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5>Reference 31: <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 32: <http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17>Reference 33: [http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20](http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20)Reference 34: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting 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(SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-3)Reference 40: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph \(SX 210.6-09\(6\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-3)Reference 41: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph \(SX 210.6-09\(7\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-3)Reference 42: [http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.3-04\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-599-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-599-1)Reference 43: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-599-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 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(f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 46: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15>Reference 47: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16>Reference 48: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-41>Reference 49: [http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1) + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAdjustments to temporary equity resulting from foreign currency translation adjustments. + ReferencesNo definition available. + Details Name: us-gaap_TemporaryEquityForeignCurrencyTranslationAdjustments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 18 R7.htm IDEA: XBRL DOCUMENT v3.24.3 UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS - USD (\$) \$ in Thousands 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Cash flows from operating activities Â Net profit/(loss) \$ (90,019) \$ (81,821) Adjustments to reconcile net loss to net cash used in operating activities: Â Loss on disposal of property, plant and equipment 810 832 Interest expense 2,248 0 Depreciation of property, plant and equipment 22,442 14,643 Amortization of land use right and intangible assets 581 593 Noncash lease expenses 2,004 2,108 Share-based compensation 30,289 51,641 Changes in fair value of warrant and convertible loan (1,240) 25 (Reversal)/ allowance of credit losses (237) (1,038) Write-down for obsolete inventories 3,032 928 Impairment loss from long-lived asset 64,924 473 Product warranty 10,353 9,017 Changes in operating assets and liabilities: Â Notes receivable 9,162 (22,372) Accounts receivable 18,157 (911) Inventories (4,144) (54,473) Prepaid expenses and other current assets 2,340 (12,666) Operating lease right-of-use assets (1,821) (5,588) Other non-current assets 9,037 (653) Notes payable (7,490) (26,070) Accounts payable (47,234) 53,400 Advance from customers (197) 515 Accrued expenses and other liabilities (33,094) (1,374) Operating lease liabilities (869) 2,760 Other non-current liabilities 7,679 (319) Net cash used in operating activities (3,287) (70,350) Cash flows from investing activities Â Purchases of property, plant and equipment (27,366) (153,574) Purchase of short-term investments 0 (425) Proceeds on disposal of property, plant and equipment 9,830 879 Proceeds from maturity of short-term investments 5,564 0 Net cash used in investing activities (11,972) (153,120) Cash flows from financing activities Â Proceeds from borrowings 70,373 18,439 Repayment of bank borrowings (31,824) (6,286) Convertible loan borrowing from a shareholder 25,000 0 Payment for debt issue costs (525) 0 Deferred payment related to purchases of property, plant and equipment (16,389) 0 Net cash generated from financing activities 46,635 12,153 Effect of exchange rate changes (4,598) (2,088) Increase (decrease) in cash, cash equivalents and restricted cash 26,778 (213,405) Cash, cash equivalents and restricted cash at beginning of the period 88,189 302,617 Cash, cash equivalents and restricted cash at end of the period 114,967 89,212 Cash and cash equivalents 63,585 67,398 Restricted cash 51,382 21,814 Total cash, cash equivalents and restricted cash 114,967 89,212 Non-cash investing and financing activities Â Payable for purchase of property, plant and equipment \$ 59,408 \$ 75,781 X - DefinitionThe aggregate expense charged against earnings to allocate the cost of amortization of land use right and intangible assets. + ReferencesNo definition available. + Details Name: mvst_AmortizationOfLandUseRightAndIntangibleAssets Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDeferred Payment Related To Purchases Of Property, Plant And Equipment + ReferencesNo definition available. + Details Name: mvst_DeferredPaymentRelatedToPurchasesOfPropertyPlantAndEquipment Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGain (Loss) On Disposal Of Property Plant And Equipment + ReferencesNo definition available. + Details Name: mvst_GainLossOnDisposalOfPropertyPlantAndEquipment Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionGain on Change in Fair Value of Warrant Liability And Convertible Note + ReferencesNo definition available. + Details Name: mvst_GainOnChangeInFairValueOfWarrantLiabilityAndConvertibleNote Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe amount of increase and decrease in notes payable. + ReferencesNo definition available. + Details Name: mvst_IncreaseDecreaseInNotesPayable Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionIncrease (Decrease) In Operating Lease, Right-Of-Use Asset + ReferencesNo definition available. + Details Name: mvst_IncreaseDecreaseInOperatingLeaseRightOfUseAsset Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: mvst_ProceedsOnDisposalOfPropertyPlantAndEquipment Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of loss from reductions in inventory due to subsequent measurement adjustments, including, but not limited to, physical deterioration, obsolescence, or changes in price levels. + ReferencesNo definition available. + Details Name: mvst_ProvisionForObsoleteInventories Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFuture cash outflow to pay for purchases of fixed assets that have occurred. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-4>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-3>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-5> + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3:

or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 2: https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe expense recognized in the current period that allocates the cost of nonproduction tangible assets over their useful lives. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationNonproductionNamespace](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationNonproductionNamespace) Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate amount of write-downs for impairments recognized during the period for long-lived assets held for abandonment, exchange or sale. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100](http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100)Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-15 + Details Name: us-gaap_ImpairmentOffLongLivedAssetsToBeDisposedOf Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in obligation to transfer good or service to customer for which consideration has been received or is receivable. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 912 -SubTopic 310 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478345/912-310-45-11)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInContractWithCustomerLiability](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInContractWithCustomerLiability) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period of the amounts due from borrowers for outstanding secured or unsecured loans evidenced by a note. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInNotesReceivables](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInNotesReceivables) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in obligation for operating lease. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(1\) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability](http://www.xbrl.org/2009/role/commonPracticeRef -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -SubTopic 20 -Topic 842 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_IncreaseDecreaseInOperatingLeaseLiability) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in obligations classified as other, payable within one year or the normal operating cycle, if longer. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherAccountsPayable](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherAccountsPayable) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in other obligations or expenses incurred but not yet paid. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherAccountsPayableAndAccruedLiabilities](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherAccountsPayableAndAccruedLiabilities) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent operating liabilities classified as other. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentLiabilities) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase (decrease) in prepaid expenses, and assets classified as other. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of interest expense classified as operating. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_InterestExpenseOperating](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_InterestExpenseOperating) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NoncashInvestingAndFinancingItemsAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionAmount of periodic reduction over lease term of carrying amount of right-of-use asset from operating lease. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OperatingLeaseRightOfUseAssetAmortizationExpense](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_OperatingLeaseRightOfUseAssetAmortizationExpense) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquireShortTermInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from bank borrowing during the year. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromBankDebt](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromBankDebt) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a long-term borrowing made from related parties where one party can exercise control or significant influence over another party; including affiliates, owners or officers and their immediate families, pension trusts, and so forth. Alternate caption: Proceeds from Advances from Affiliates. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromRelatedPartyDebt](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromRelatedPartyDebt) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow associated with the aggregate amount received by the entity through sale or maturity of marketable securities (held-to-maturity or available-for-sale) during the period. + ReferencesNo definition available. + Details Name: us-gaap_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe expense charged against earnings for the period pertaining to standard and extended warranties on the entity's goods and services granted to customers. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_ProductWarrantyExpense](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_ProductWarrantyExpense) Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 8:

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-SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3)Reference 13: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(16\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(1\)\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3)Reference 17: <http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 18: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI 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-Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iii\)\(A\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name 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Codification -Section S99 -Paragraph 1B -Subparagraph \(SX 210.13-02\(a\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B)Reference 29: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-05\(b\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1)Reference 30: <http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 31: <http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4J>Reference 32: <http://www.xbrl.org/2003/role/exampleRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K>Reference 33: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A)Reference 34: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1B)Reference 35: <https://asc.fasb.org/1943274/2147482740/230-10-45-2>Reference 36: [http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph \(a\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A)Reference 37: [http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A](http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A) + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense (reversal of expense) for expected credit loss on accounts receivable. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13](http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2) + Details Name: us-gaap_ProvisionForDoubtfulAccounts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow to settle a bank borrowing during the year. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15) + Details Name: us-gaap_RepaymentsOfBankDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash and cash equivalents restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 4: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(1\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_RestrictedCashAndCashEquivalents Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(a\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28) + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 19 R8.htm IDEA: XBRL DOCUMENT v3.24.3 DESCRIPTION OF ORGANIZATION AND BUSINESS OPERATIONS 9 Months Ended Sep. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] A DESCRIPTION OF ORGANIZATION AND BUSINESS OPERATIONS DESCRIPTION OF ORGANIZATION AND BUSINESS OPERATIONSMicrovast, Inc. was incorporated under the laws of the State of Texas in the United States of America on October 12, 2006 and re-domesticated to the State of Delaware on December 31, 2015. On July 23, 2021 (the “Closing Date”), Microvast, Inc. and Tuscan Holdings Corp. (the “Tuscan”) consummated the previously announced merger (the “Merger” or the “Business Combination”), pursuant to the Agreement and Plan of Merger (the “Merger Agreement”) dated February 1, 2021, between Tuscan, Microvast, Inc. and TSCN Merger Sub Inc., a Delaware corporation (the “Merger Sub”). Pursuant to the Merger Agreement, the Merger Sub merged with and into Microvast, Inc., with Microvast, Inc. surviving the Merger. As a result of the Merger, Tuscan was renamed “Microvast Holdings, Inc.” (the “Company”). The Merger was accounted for as a reverse recapitalization as Microvast, Inc. was determined to be the accounting acquirer under Financial Accounting Standards Board’s (“FASB”) Accounting Standards Codification Topic 805, Business Combinations (the “ASC 805”). The Company and its subsidiaries (collectively, the “Group”) are primarily engaged in developing, manufacturing, and selling lithium-ion battery systems and components for electric vehicles and energy storage across the globe. X - DefinitionThe entire disclosure for the nature of an entity's business, major products or services, principal markets including location, and the relative importance of its operations in each business and the basis for the determination, including but not limited to, assets, revenues, or earnings. For an entity that has not commenced principal operations, disclosures about the risks and uncertainties related to the activities in which the entity is currently engaged and an understanding of what those activities are being directed toward. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 275 -Publisher FASB -URI https://asc.fasb.org/275/tableOfContent>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -SubTopic 10 -Topic 275 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-1) + Details Name: us-gaap_NatureOfOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] A SIGNIFICANT ACCOUNTING POLICIES SIGNIFICANT ACCOUNTING POLICIESBasis of presentation and use of estimatesThe accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. The unaudited condensed consolidated financial statements have been prepared in accordance with the rules and regulations of the Security and Exchange Commission (the “SEC”) and U.S. generally accepted accounting standards (the “U.S. GAAP”) for interim financial reporting. Accordingly, certain information and disclosures normally included in the notes to the annual financial statements prepared in accordance with U.S. GAAP have been omitted from these interim financial statements. The accompanying unaudited condensed consolidated financial statements should be read in conjunction with the Company’s audited consolidated financial statements for the period ended December 31, 2023 included in the Company’s Annual Report on Form 10-K filed with the SEC on April 1, 2024, which provides a more complete discussion of the Company’s accounting policies and certain other information. In the opinion of the management, the accompanying unaudited condensed consolidated financial statements reflect all adjustments (which include normal recurring adjustments) necessary for a fair statement of financial results for the interim periods presented. The Company believes that the disclosures are adequate to make the information presented not misleading. The results of operations for the three and nine months ended September 30, 2024 are not necessarily indicative of the results to be expected for any subsequent quarter or for the fiscal year ending December 31, 2024. The financial information as of December 31, 2023 included on the condensed consolidated balance sheets is derived from the Group’s audited consolidated financial statements for the year ended December 31, 2023. There have been no significant changes to the significant accounting policies disclosed in Note 2 of the audited consolidated financial statements for the years ended December 31, 2023. Significant accounting estimates reflected in the Group’s financial statements include allowance for credit losses, write-down of obsolete inventories, impairment of long-lived assets, valuation allowance for deferred tax assets, product warranty, fair value measurement of warrant liability, fair value measurement of convertible loan and share based compensation. All intercompany transactions and balances have been eliminated upon consolidation. Going concernThe accompanying unaudited condensed consolidated financial statements of the Group have been prepared on a going concern basis, which assumes that the Group will continue to realize its assets and settle its liabilities in the ordinary course of business. For the three months ended September 30, 2024 and 2023, the Group generated revenues of \$101,388 and \$80,116, gross profit of \$33,612 and \$17,884, net profit of \$13,247 and net loss of \$26,172, and operating cash outflow of \$5,429 and \$29,342, respectively. For the nine months ended September 30, 2024 and 2023, the Group reported revenues of \$266,414 and \$202,042, gross profit of \$78,032 and \$34,203, net loss of \$90,019 (including a \$64,924 impairment loss from long-lived assets) and \$81,821, and operating cash outflow of \$3,287 and \$70,350, respectively. As of September 30, 2024, the Group had working capital of \$101,683, shareholders’ equity of \$509,203 (including an accumulated deficit of \$987,520), and cash and cash equivalents of \$63,585. The Group also held outstanding borrowings of \$119,574, with \$66,177 due within the next 12 months, and other current liabilities of \$269,711, which include accounts payable, notes payable, and accrued expenses. Additionally, the Group had \$52,262 in purchase commitments primarily related to inventory as of September 30, 2024. The Group has made significant investments to expand its capacity, particularly in its Huzhou, China, and Clarksville, Tennessee facilities. The Huzhou Phase 3.1 expansion is now contributing revenue following its completion in the third quarter of 2023 and the Huzhou Phase 3.2 expansion is in process which requires additional capital expenditure. The Tennessee expansion has been paused. Initially intended to produce 53.5Ah cells for the Group’s ESS solutions, the Tennessee facility is now being evaluated for a potential shift to lithium iron phosphate (LFP) cell production, which better aligns with the Group’s evolving ESS strategy. The Tennessee facility will require additional financing, and the timing for resuming the project is currently under review. As of September 30, 2024, the Group had outstanding payables of \$31,653 related to the Tennessee facility. The Group is actively working with suppliers. Some of those suppliers have filed liens while others have entered settlement agreements that include payment adjustments and lien releases. The above factors raise substantial doubt about the Group’s ability to continue as a going concern within the next twelve months from the date of issuance of its unaudited condensed consolidated financial statements. Management has secured a \$29,911 bank loan in the third quarter of 2024, with an additional \$9,962 received in October 2024. Further details can be found in Note 7A “Bank Borrowings. Workforce reductions were made in the U.S. during the second and third quarters of 2024, delivering cost savings and enhanced cash flow. Further plans to alleviate the conditions that raise substantial doubt include: Operational Improvements: With profitability achieved in the third quarter of 2024, management expects that continued execution of its strategies will generate positive cash flow from operations over the next twelve months. Asset Sales: The Group is actively pursuing the sale of non-core U.S. real estate assets, with an expectation of increasing liquidity without affecting core operations. Additional Funding Options: Although no additional binding financing agreement has been entered into besides those disclosed in the unaudited condensed consolidated financial statements, the Group is actively engaged in discussions with third parties to explore further funding options. Going concern-continuedThese plans are not final and are subject to market and other conditions not within the Group’s control. As such, there can be no assurance that the Group will be successful in obtaining sufficient capital. Accordingly, management has concluded that these plans do not alleviate the substantial doubt about the Group’s ability to continue as a going concern within one year after the date the unaudited condensed consolidated financial statements are issued. Based on the factors above, there is a substantial doubt as to whether the Group will continue as a going concern and therefore whether it will realize its assets and discharge its liabilities in the normal course of business and at the amounts stated in the financial statements. The accompanying unaudited condensed consolidated financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or to the amounts and classification of liabilities that might be necessary should the Group not continue as a going concern. Emerging Growth CompanyPursuant to the JOBS Act, an emerging growth company (the “EGC”) may adopt new or revised

accounting standards that may be issued by FASB or the SEC either (i) within the same periods as those otherwise applicable to non-EGCs or (ii) within the same time periods as private companies. The Company intends to take advantage of the exemption for complying with new or revised accounting standards within the same time periods as private companies. Accordingly, the information contained herein may be different than the information provided by other public companies. The Company also intends to take advantage of some of the reduced regulatory and reporting requirements of EGCs pursuant to the JOBS Act so long as the Company qualifies as an EGC, including, but not limited to, an exemption from the auditor attestation requirements of Section 404(b) of the Sarbanes-Oxley Act, reduced disclosure obligations regarding executive compensation, and exemptions from the requirements of holding non-binding advisory votes on executive compensation and golden parachute payments. Revenue recognition Nature of Goods and Services The Group's revenue consists primarily of sales of lithium-ion batteries. The obligation of the Group is to provide the battery products. Revenue is recognized at the point of time when control of the promised goods or services is transferred to the customer, in an amount that reflects the consideration the Group expects to be entitled to in exchange for the goods or services. Revenue recognition-continued Disaggregation of revenue For the three and nine months ended September 30, 2024 and 2023, the Group derived revenues from geographic regions as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 People's Republic of China ("PRC") \$28,716A \$36,289A \$89,190A \$115,023A Other Asia & Pacific countries \$10,550A 24,611A 36,215A 46,280A Asia & Pacific 39,266A 60,900A 125,405A 161,303A Europe 59,479A 19,034A 135,145A 38,556A U.S. 2,643A 182A 5,864A 2,183A Totals \$101,388A \$80,116A \$266,414A \$202,042A Contract balances Contract balances include accounts receivable and advances from customers. Accounts receivable represent cash not received from customers and are recorded when the rights to consideration are unconditional. The allowance for credit losses reflects the best estimate of probable losses inherent to the accounts receivable balance. Contract liabilities, recorded in advance from customers in the consolidated balance sheets, represent payment received in advance or payment received related to a material right provided to a customer to acquire additional goods or services at a discount in a future period. During the three months ended September 30, 2024 and 2023, the Group recognized \$883 and \$1,191 of revenue previously included in advance from customers as of July 1, 2024 and July 1, 2023, respectively. During the nine months ended September 30, 2024 and 2023, the Group recognized \$4,208 and \$2,485 of revenue previously included in advance from customers as of January 1, 2024 and January 1, 2023, respectively. Operating leases As of September 30, 2024, the Company recorded operating lease right-of-use (ROU) assets of \$19,468 and operating lease liabilities of \$19,540, including current portion in the amount of \$3,214, which was recorded under accrued expenses and other current liabilities on the balance sheet. The Company determines if an arrangement is a lease or contains a lease at inception. Operating leases are required to record in the statement of financial position as right-of-use assets and lease liabilities, initially measured at the present value of the lease payments. The Company has elected the package of practical expedients, which allows the Company not to reassess (1) whether any expired or existing contracts as of the adoption date are or contain a lease, (2) lease classification for any expired or existing leases as of the adoption date and (3) initial direct costs for any expired or existing leases as of the adoption date. The Company also elected the practical expedient not to separate lease and non-lease components of contracts. Lastly, for lease assets other than real estate, such as printing machines and electronic appliances, the Company elected the short-term lease exemption as their lease terms are 12 months or less. As the rate implicit in the lease is not readily determinable, the Company estimates its incremental borrowing rate based on the information available at the commencement date in determining the present value of lease payments. The incremental borrowing rate is estimated in a portfolio approach to approximate the interest rate on a collateralized basis with similar terms and payments in a similar economic environment. Lease expense is recorded on a straight-line basis over the lease term. Impairment of long-lived assets In accordance with ASC 360, Property, Plant and Equipment ("ASC 360"), the Company reviews long-lived assets such as property, plant and equipment for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to the future net undiscounted cash flows expected to be generated by the asset. If such assets are considered to be impaired, the impairment recognized is measured by the amount by which the carrying amount of the assets exceeds the fair value of the assets, and an impairment loss is recorded as a component of operating expenses. Fair value is estimated based on various valuation techniques. For assets held for sales, the amount of potential impairment may be based upon appraisal of the asset, estimated market value of similar assets or estimated cash flow from the disposition of the asset. The evaluation of asset impairment requires the Company to make assumptions about future cash flows over the life of the asset being evaluated. These assumptions require significant judgment and actual results may differ from assumed and estimated amounts. During the first half year of 2024, the Company decided to pause the construction of the battery plant in Tennessee until additional funding for the remaining capital expenditure is secured. As a result, the Company reassessed the recoverability of the long-lived assets in the U.S. and utilized the residual method to estimate the fair value of the plant under construction located in Tennessee. For other long-lived assets in the U.S., the Company estimated market value or estimated cash flow from disposition of the assets. The Company recorded impairment loss of long-lived assets of \$12 and \$422 for the three months ended September 30, 2024 and 2023, respectively, in operating expenses. The Company recorded impairment loss of long-lived assets of \$64,924 and \$173 for the nine months ended September 30, 2024 and 2023, respectively, in operating expenses. Asset held for sales Assets to be disposed of by sale are reported at the lower of the carrying value or fair value less cost to sell when the Company has committed to a sale agreement and would be reported separately as asset held for sales in the unaudited condensed consolidated balance sheets. Debt Restructuring A debt restructuring is the modification of debt in which a creditor grants a concession it would not otherwise consider to a debtor that is experiencing financial difficulties. These modifications may include a reduction of an extension of the maturity date, a reduction of the face amount or maturity amount of the debt, or a reduction of accrued interest. During the three months ended September 30, 2024, the Company recorded a gain of \$7,709 on the payable concession in the unaudited condensed consolidated statements of operations. Convertible loan with shareholder measured at fair value The Company has elected the fair value option to account for the convertible loan with shareholder described in Note 14A. Convertible loan with shareholder measured at fair value herein, and records changes in fair value in the unaudited condensed consolidated statements of operations, with the exception of changes in fair value due to instrument-specific credit risk which, if present, will be recorded as a component of other comprehensive income. Interest expense related to the convertible loan is included in the changes in fair value. As a result of applying the fair value option, direct costs and fees related to the convertible loan were expensed as incurred. Gains of \$2,764 and \$1,174 were recognized for the three and nine months ended September 30, 2024. The fair value of the convertible loan with shareholder was determined by using a discounted cash flow model for the bond component and a Black-Scholes-Merton model for the conversion option, which is considered a Level 3 fair value measurement. Warrant The Company determines the accounting classification of warrants it issues as either liability or equity by first assessing whether the warrants meet liability classification in accordance with ASC 480-10, Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity ("ASC 480"), then in accordance with ASC 815-40 ("ASC 815"), Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock. Under ASC 480, warrants are considered liability classified if the warrants are mandatory redeemable, obligate the Company to settle the warrants or the underlying shares by paying cash or other assets, or warrants that must or may require settlement by issuing variable number of shares. If warrants do not meet liability classification under ASC 480, the Company assesses the requirements under ASC 815, which states that contracts that require or may require the issuer to settle the contract for cash are liabilities recorded at fair value, irrespective of the likelihood of the transaction occurring that triggers the net cash settlement feature. If the warrants do not require liability classification under ASC 815, and in order to conclude equity classification, the Company also assesses whether the warrants are indexed to its Common Stock and whether the warrants are classified as equity under ASC 815 or other applicable GAAP. After all relevant assessments, the Company concludes whether the warrants are classified as liability or equity. Liability classified warrants require fair value accounting at issuance and subsequent to initial issuance with all changes in fair value after the issuance date recorded in the unaudited consolidated statements of operations. Equity classified warrants only require fair value accounting at issuance with no changes recognized subsequent to the issuance date. Refer to Notes 10 for information regarding the warrants issued. Recent accounting pronouncements not yet adopted In November 2023, the FASB issued ASU 2023-07 "Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures" ("ASU 2023-07"). ASU 2023-07 intends to improve reportable segment disclosure requirements, enhance interim disclosure requirements and provide new segment disclosure requirements for entities with a single reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and for interim periods with fiscal years beginning after December 15, 2024. ASU 2023-07 is to be adopted retrospectively to all prior periods presented. The Company is currently assessing the impact this guidance will have on the consolidated financial statements and related disclosures. In December 2023, the FASB issued ASU 2023-09 "Improvements to Income Tax Disclosures" ("ASU 2023-09"). ASU 2023-09 intends to improve the transparency of income tax disclosures. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024 and is to be adopted on a prospective basis with the option to apply retrospectively. The Company is currently assessing the impact of this guidance, however, the Company does not expect a material impact to the consolidated financial statements. X - References No definition available. + Details Name: us-gaap Accounting Policies Abstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for all significant accounting policies of the reporting entity. + References Reference 1:

which was recorded in progress and property, land and equipment, was \$65 and \$475 for the three months ended September 30, 2024 and 2023, respectively, and \$65 and \$1,503 for the nine months ended September 30, 2024 and 2023, respectively. The Group has also entered into short-term loan agreements and bank facilities with certain banks in China. The original terms of these loans are with a maximum maturity of 12 months and the interest rates range from 3.30% to 4.85% per annum. Changes in bank borrowings are as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Beginning balance \$94,237.4 \$49,146.4 \$79,153.4 \$46,395.4 Proceeds from bank borrowings 29,911.4 9,207.4 70,373.4 18,439.4 Repayments of principal (8,375.1) (2,347.3) (31,824.6) (6,286.6) Exchange difference (3,801.4) (349.1) (8,724.1) (2,891.6) Ending balance \$119,574.5 \$55,657.4 \$119,574.5 \$55,657.4 Balance of bank borrowings includes: September 30, 2024 December 31, 2023 Current \$66,177.4 \$35,392.4 Non-current \$53,397.4 \$43,761.4 Total \$119,574.5 \$119,574.5 \$119,574.5 \$119,574.5 Certain assets of the Group have been pledged to secure the above bank facilities granted to the Group. The aggregate carrying amount of the assets pledged by the Group as of September 30, 2024 and December 31, 2023 are as follows: September 30, 2024 December 31, 2023 Buildings \$121,302.4 \$124,565.4 Machinery and equipment \$65,091.4 \$65.4 Land use rights \$1,902.4 \$1,984.4 Construction in progress \$348.4 \$6.4 Total \$198,643.4 \$136,549.4 X - References No definition available. + Details Name: mvst BankBorrowingsAbstract Namespace Prefix: mvst Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - Definition BankBorrowings + References No definition available. + Details Name: mvst BankBorrowingsTextBlock Namespace Prefix: mvst Data Type: dtr-types:1:textBlockItem Type Balance Type: na Period Type: duration XML 26 R15.htm IDEA: XBRL DOCUMENT v3.24.3 OTHER NON-CURRENT LIABILITIES 9 Months Ended Sep 30, 2024 Other Liabilities, Noncurrent [Abstract] A OTHER NON-CURRENT LIABILITIES OTHER NON-CURRENT LIABILITIES September 30, 2024 December 31, 2023 Product warranty - non-current \$27,303.4 \$21,479.4 Deferred subsidy income - non-current \$6,093.4 \$3,382.4 Other non-current payable \$5,090.4 \$6.4 Total \$38,486.4 \$24,861.4 X - Definition The entire disclosure for other liabilities. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 405 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405/tableOfContent + Details Name: us-gaap OtherLiabilitiesDisclosureTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:1:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap OtherLiabilitiesNoncurrentAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration XML 27 R16.htm IDEA: XBRL DOCUMENT v3.24.3 BONDS PAYABLE 9 Months Ended Sep 30, 2024 Bonds Payable [Abstract] A BONDS PAYABLE BONDS PAYABLE September 30, 2024 December 31, 2023 Long-term bonds payable \$4,157.4 \$4,157.4 Total \$4,157.4 \$4,157.4 Huzhou Saiyuan Loan On December 29, 2018, Microvast Power Systems Co., Ltd. ("MPS"), one of the Company's subsidiaries, signed an agreement with Huzhou Saiyuan, an entity established by the local government, to issue convertible bonds to Huzhou Saiyuan for a total consideration of \$87,776 (RMB600 million). The Company pledged its 12.39% equity holding over MPS to Huzhou Saiyuan to facilitate the issuance of these convertible bonds. If the subscribed bonds are not repaid by the maturity date, Huzhou Saiyuan has the right to dispose of the equity interests pledged by the Company in proportion to the amount of matured bonds, or convert the bonds into equity interests of MPS within 60 days after the maturity date. If Huzhou Saiyuan decides to convert the bonds into equity interests of MPS, the equity interests pledged would be released and the convertible bonds would be converted into equity interest of MPS based on an entity value of MPS of \$950,000. In September 2020 and 2022, MPS entered into two supplement agreements with Huzhou Saiyuan, respectively, to change the repayment schedule as follows: (i) \$14,629 (RMB100 million) was repaid, together with interest accrued, on or before November 10, 2022, (ii) \$14,630 (RMB100 million) was repaid, together with interest accrued, on or before December 31, 2022, and (iii) the remaining \$43,888 (RMB300 million) will be repaid, together with interest accrued, on or before January 31, 2027. The applicable interest rate will be increased to 12% if the Group is in default on the repayment of the bonds at the due date. The remaining terms and conditions of the convertible bonds were unchanged. The Company has complied in full with the amended repayment schedule and accordingly, as of September 30, 2024, the subscription and outstanding balance of the convertible bonds was \$43,157 (RMB295 million). X - References No definition available. + Details Name: mvst BondsPayableAbstract Namespace Prefix: mvst Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst BondsPayableTextBlock Namespace Prefix: mvst Data Type: dtr-types:1:textBlockItem Type Balance Type: na Period Type: duration XML 28 R17.htm IDEA: XBRL DOCUMENT v3.24.3 WARRANTS 9 Months Ended Sep 30, 2024 Warrants [Abstract] A WARRANTS WARRANTS The Company assumed 27,600,000 publicly-traded warrants (the "Public Warrants") and 837,000 private placement warrants issued to Tuscan Holdings Acquisition LLC (the "Sponsor") and EarlyBirdCapital, Inc. (the "EarlyBirdCapital") (the "Private Warrants") and together with the Public Warrants, the "Warrants") upon the Business Combination, all of which were issued in connection with Tuscan's initial public offering (other than 150,000 Private Warrants that were issued in connection with the closing of the Business Combination) and entitle the holder to purchase one share of the Company's Common Stock at an exercise price of \$11.50 per share. During the three and nine months ended September 30, 2024, none of the Public Warrants or the Private Warrants were exercised. The Public Warrants became exercisable 30 days after the completion of the Business Combination. The Public Warrants are only exercisable for cash, however, if the Company were to not maintain the effectiveness of the registration statement covering the shares of Common Stock issuable upon exercise of the Public Warrants, the Public Warrants would be exercisable on a net-share settlement basis. The Public Warrants will expire five years after the completion of the Business Combination or earlier upon redemption or liquidation. Once the Public Warrants become exercisable, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or before 30 days prior to the date of the Company's next scheduled dividend payment, or if the reported last sale price of the Company's Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; and, if the Company is in default of its obligations under the Warrants, the Company may redeem the Public Warrants in whole and not in part, at a price of \$0.01 per warrant, at its option, on or

ending December 31, 2024\$1,347.4 2025\$3,781.4 2026\$2,917.4 2027\$5,458.2 2028\$1,873.4 2029\$1,681.4 Thereafter\$10,227.4 Total future lease payments\$24,284.4 Less: Imputed interest\$(4,744)Present value of operating lease liabilities\$19,540.4 X - ReferencesNo definition available. + Details Name: us-gaap LeasesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/842-20/tableOfContent> + Details Name: us-gaap_LesseeOperatingLeasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 31 R20.htm IDEA: XBRL DOCUMENT v3.24.3 SHARE-BASED PAYMENT 9 Months Ended Sep. 30, 2024 Share-Based Payment Arrangement [Abstract] A SHARE-BASED PAYMENT SHARE-BASED PAYMENTOn July 21, 2021, the Company adopted the Microvast Holdings, Inc. 2021 Equity Incentive Plan (the "2021 Plan"), effective upon the Closing Date. The 2021 Plan provides for the grant of incentive and non-qualified stock option, restricted stock units, restricted share awards, stock appreciation awards, and cash-based awards to employees, directors, and consultants of the Company. Options awarded under the 2021 Plan expire no more than 10 years from the date of grant. Concurrently with the closing of the Business Combination, the share awards granted under 2012 Share Incentive Plan of Microvast, Inc. (the "2012 Plan") were rolled over by removing original performance conditions and converting into options and capped non-vested share units with modified vesting schedules, using the Common Exchange Ratio of 160.3. The 2021 Plan reserved 5% of the fully-diluted shares of Common Stock outstanding immediately following the Closing Date plus the shares underlying awards rolled over from the 2012 Plan for issuance in accordance with the 2021 Plan's terms. Stock optionsOn April 10, 2024, a termination and transition advisory services agreement was entered between a former employee and the Company. According to this agreement, all unvested restricted stock units, performance-based restricted stock units and stock options held by the employee as of April 10, 2024 will vest in full immediately following April 10, 2025. The Company accounted for the modification as a Type III (improbable-to-probable) modification, which represents the modification of the award that was not expected to vest under the original vesting conditions at the date of the modification. The Company recognized compensation cost equal to the modified award's fair value at the date of the modification over the period in which the former employee serves as consultant to the Company. The modification date fair value of the stock options was determined using the Black-Scholes model with the following assumptions:Nine months ended September 30, 2024Exercise price \$5.69A Expected terms (years) 1.25Volatility 85.66A %Risk-free interest rate5.00A %Expected dividend yields 0.00A %Fair value of options granted\$0.0035A The exercise prices for each award were extracted from the option agreements. The expected terms for each award were derived using the simplified method, and is estimated to occur at the midpoint of the vesting date and the expiration date. The volatility of the underlying common stock during the lives of the options was a blend of implied volatility from the average volatility of peer companies, implied volatility and the Company's historical volatility. Risk-free interest rate was estimated based on the market yield of U.S. Government Bonds with maturity close to the expected term of the options. The dividend yield was estimated by the Company based on its expected dividend policy over the expected term of the options. Stock options - continuedStock options activity for the nine months ended September 30, 2024 and 2023 was as follows:Stock options lifeNumber of Shares Weighted Average Exercise Price (U.S.\$)Weighted Average Grant Date Fair Value (U.S.\$)Weighted Average Remaining Contractual LifeOutstanding as of December 31, 202332,876,682A 6.01A 4.73A 5.7Forfeited(1,521,350)4.60A 3.18A Outstanding as of September 30, 202431,355,332A 6.08A 4.80A 5.0Expected to vest and exercisable as of September 30, 202431,355,332A 6.08A 4.80A 5.0Exercisable as of September 30, 202430,088,665A 6.14A 4.89A 5.1Outstanding as of December 31, 202236,091,071A 6.08A 4.80A 6.8Grant640,000A 1.77A 1.18A Forfeited(895,706)5.02A 3.64A Outstanding as of September 30, 202335,835,365A 6.03A 4.76A 5.6Expected to vest and exercisable as of September 30, 202335,835,365A 6.03A 4.76A 5.6Exercisable as of September 30, 202329,916,879A 6.14A 4.90A 5.5During the three months ended September 30, 2024 and 2023, the Company recorded share-based compensation expense of \$3,176 and \$12,713 related to the option awards, respectively. During the nine months ended September 30, 2024 and 2023, the Company recorded share-based compensation expense of \$25,489 and \$39,768 related to the option awards, respectively. The total unrecognized equity-based compensation costs as of September 30, 2024 related to the stock options was \$856, which is expected to be recognized over a weighted-average period of 0.1 years. The aggregate intrinsic value of the stock options as of September 30, 2024 was \$0. Capped Non-vested share unitsThe capped non-vested share units (the "CRSUs") represent rights for the holder to receive cash determined by the number of shares granted multiplied by the lower of the fair market value and the capped price, which will be settled in the form of cash payments. The CRSUs were accounted for as liability classified awards. During the three months ended September 30, 2024 and 2023, the Company recorded share-based compensation expense of \$312 and \$1,832, related to these CRSUs, respectively. During the nine months ended September 30, 2024 and 2023, the Company recorded share-based compensation expense of \$2,793 and \$8,378, related to these CRSUs, respectively. Capped Non-vested share units - continuedActivity on the CRSUs for the nine months ended September 30, 2024 and 2023 was as follows:Number on Non-Vested Shares Weighted Average Grant Date Fair Value per Share (U.S.\$)Outstanding as of December 31, 20236,665,014A 2.29A Vested(6,665,014)2.29A Outstanding as of September 30, 202446,469A 2.38A Vested(6,722,228)2.47A Outstanding as of September 30, 20237,222,414A 2.29A There is no unrecognized equity-based compensation costs as of September 30, 2024 related to the CRSUs. Restricted stock unitsFollowing the Business Combination, the Company granted 2,721,624 restricted stock units (the "RSUs") and 2,680,372 performance-based restricted stock units (the "PSUs") subject to service, performance and/or market conditions. The service condition requires the participant's continued services or employment with the Company through the applicable vesting date, and the performance condition requires the achievement of the performance criteria defined in the award agreement. The market condition is based on the Company's TSR relative to a comparator group during a specified performance period. The fair value of RSUs is determined by the market closing price of Common Stock at the grant date and is amortized over the vesting period on a straight-line basis. The fair value of PSUs that include vesting based on market conditions are estimated using the Monte Carlo valuation method. For PSUs with performance conditions, share-based compensation expense is only recognized if the performance conditions become probable to be satisfied. Compensation cost for these awards is amortized on a straight-line basis over the vesting period based on the grant date fair value, regardless of whether the market condition is satisfied. Accordingly, the Company recorded share-based compensation expense of \$358 and \$1,058 related to these RSUs and \$2,463 and \$971 related to these PSUs during the three and nine months ended September 30, 2024, respectively. During the three and nine months ended September 30, 2023, the Company recorded share-based compensation expense of \$577 and \$1,536 related to these RSUs and \$880 and \$2,388 related to these PSUs, respectively. Restricted Stock Units - continuedThe non-vested shares activity for the nine months ended September 30, 2024 and 2023 was as follows:Number of Non-Vested Shares Weighted Average Grant Date Fair Value per Share (U.S.\$)Outstanding as of December 31, 20233,598,606A 3.07A Grant79,909A 1.40A Vested(503,505)2.65A Forfeited(777,206)2.9A Outstanding as of September 30, 20242,397,804A 2.71A Outstanding as of December 31, 20222,837A 6.92A Grant3,354,633A 1.88A Vested(496,586)3.39A Forfeited(103,424)4.59A Outstanding as of September 30, 20233,977,460A 3.17A The total unrecognized equity-based compensation costs as of September 30, 2024 related to the non-vested shares was \$2,093. The following summarizes the classification of share-based compensation:Three Months Ended September 30, Nine Months Ended September 30, 2024202320242023Cost of revenues\$771A \$1,530A \$3,390A General and administrative expenses\$3,392A 10,444A 19,192A 35,031A Research and development expenses\$1,604A 2,953A 5,902A 8,660A Selling and marketing expenses\$344A 935A 1,805A 3,391A Construction in process\$140A 22A 429A Totals\$6,309A \$16,002A \$30,311A \$52,070A X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/718/tableOfContent>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 32 R21.htm IDEA: XBRL DOCUMENT v3.24.3 CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUEOn May 28, 2024, Microvast Inc. entered into a \$25,000 convertible loan agreement ("Loan Agreement") with Mr. Yang Wu, the Company's Chief Executive Officer and Chairman. The loan includes an Initial Term Loan of \$12,000 and a Delayed Draw Term Loan of \$13,000 at an initial interest rate equal to Secured Overnight Financing Rate ("SOFR"), plus an initial Applicable Margin of 9.75% per annum, 3.75% of which shall be paid in kind rather than in cash. The maturity date is November 28, 2025, which may be accelerated upon the occurrence and continuance of an event of default in accordance with the terms of the Loan Agreement. The Loan Agreement also provides Mr. Wu with the right to convert the outstanding principal balance of the Loan, into shares of common stock at an initial conversion rate equal to two shares of Common Stock per \$1.00 of principal amount to be converted. The Initial Term Loans of \$12,000 was received in May 2024 and the Delayed Draw Term Loan of \$13,000 was received in July 2024. The loan is secured by a first priority security interest in substantially all of its assets by Microvast Inc. and all other entities within the Group as guarantors. The Group has elected fair value option to account for the convertible loan. Direct costs and fees related to the convertible loan were expensed as incurred. The fair value was determined by using a discounted cash flow model for the bond component and a Black-Scholes-Merton model for the conversion option, which is considered a Level 3 fair value measurement. Subsequent changes in the fair value are recorded as gains (losses) in the unaudited condensed consolidated statement of operation. During the three and nine months ended September 30, 2024, a gain of \$2,764 and \$1,174 on fair value change of convertible loan with shareholder was recorded, respectively. The outstanding balance for the Convertible loan with shareholder was \$24,423 as of September 30, 2024. In connection with the convertible loan from Mr. Wu Yang, on May 28, 2024, the Company issued to Mr. Wu a warrant exercisable for 5,500,000 shares of Common Stock at an initial exercise price of \$2.00 per share. The warrant expires on May 28, 2029. No warrants were exercised during the period ended September 30, 2024. As of September 30, 2024, 5,500,000 warrants were outstanding and the Group recorded the warrant value of \$779 in additional paid in capital. Equity classified warrants were recorded at fair value at issuance with no changes recognized subsequent to the issuance date. The significant input of the discounted cash flow model for the bond component is the discount rate. Below are the key inputs used in Black-Scholes-Merton model for the conversion option:September 30, 2024Market price of public stock\$0.25A Exercise price\$0.50A Expected term (years)1.16Volatility55.50A %Risk-free interest rate3.85A %Dividend rate0.00A %The market price of public stock is the quoted market price of the Company's Common Stock as of the valuation date. The exercise price is extracted from the warrant agreements. The expected term is derived from the exercisable years based on the warrant agreements. The expected volatility is estimated using a blend of the average volatility of peer companies and the Company's historical volatility. The risk-free interest rate was estimated based on the market yield of U.S. Government Bond with maturity close to the expected term of the warrants. The dividend yield was estimated by the Company based on its expected dividend policy over the expected term of the warrants. X - ReferencesNo definition available. + Details Name: us-gaap_RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for related party transactions. Examples of related party transactions include transactions between (a) a parent company and its subsidiary; (b) subsidiaries of a common parent; (c) and entity and its principal owners; and (d) affiliates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480990/946-20-50-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480990/946-20-50-5>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480990/946-20-50-6>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/214777968/946-235-50-2>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477968/946-235-50-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483326/850-10-50-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-50-1>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-50-1>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-50-1>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/850/tableOfContent>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483326/850-10-50-6>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483326/850-10-50-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483326/850-10-50-1> + Details Name: us-gaap_RelatedPartyTransactionsDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 33 R22.htm IDEA: XBRL DOCUMENT v3.24.3 NET PROFIT/(LOSS) PER SHARE 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] A NET PROFIT/(LOSS) PER SHARE NET PROFIT/(LOSS) PER SHAREThe following table sets forth the computation of basic and diluted net profit/(loss) per share for the periods indicated:Three Months Ended September 30, Nine Months Ended September 30, 2024202320242023Numerator:Net profit/(loss) attributable to common stock shareholders-Basic\$13,247A \$(26,130)\$(90,019)\$(81,800)Changes in fair value of convertible loan(2,764)A \$(2,764)A Net profit/(loss) attributable to common stock shareholders-Dilutive\$10,483A \$(26,130)\$(90,019)\$(81,800)Denominator:A Weighted average common stock used in computing basic net profit/(loss) per share320,545,388A 313,108,457A 317,153,113A 309,541,499A Weighted-average effect of dilutive stocks:Added:Diluted effect of shares issuable upon exercise of non-vested shares1,048,846A \$(2,764)A \$(2,764)A Diluted effect of shares issuable upon exercise of Capped non-vested shares1,654,338A \$(2,764)A \$(2,764)A Diluted effect of shares issuable upon convert of convertible loan43,782,609A \$(2,764)A \$(2,764)A Weighted average stock used in computing diluted net profit/(loss) per share367,031,181A 313,108,457A 317,153,113A 309,541,499A Basic net profit/(loss) per share\$0.04A \$(0.08)\$(0.28)\$(0.26)Diluted net profit/(loss) per share\$0.03A \$(0.08)\$(0.28)\$(0.26)For the three and nine months ended September 30, 2024 and 2023, the following Common Stock outstanding were excluded from the calculation of diluted net loss per share, as their inclusion would have been anti-dilutive for the periods prescribed.Three Months Ended September 30, Nine Months Ended September 30, 2024202320242023Shares issuable upon exercise of stock options31,431,068A 35,830,564A 31,812,977A 36,001,774A Shares issuable upon vesting of non-vested shares1,371,685A 3,898,963A 2,646,585A 3,652,642A Shares issuable upon vesting of Capped non-vested shares9A 8,343,220A 4,950,938A 11,662,166A Shares issuable upon exercise of warrants33,937,000A 28,437,000A 30,946,124A 28,437,000A Shares issuable upon vesting of Earn-out shares4,999,997A 19,999,988A 14,963,495A 19,999,988A Shares issuable that may be subject to cancellation1,687,500A 1,687,500A 1,687,500A 1,687,500A Shares issuable upon

convert of convertible loanâ€”Â Â Â Â Â Â Â Â Â 17,678,832Â Â Â Â Â Â Â Â X - ReferencesNo definition available. + Details Name: us-gaap EarningsPerShareAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1:

FASB or the SEC either (i) within the same periods as those otherwise applicable to non-EGCs or (ii) within the same time periods as private companies. The Company intends to take advantage of the exemption for complying with new or revised accounting standards within the same time periods as private companies. Accordingly, the information contained herein may be different than the information provided by other public companies. The Company also intends to take advantage of some of the reduced regulatory and reporting requirements of EGCs pursuant to the JOBS Act so long as the Company qualifies as an EGC, including, but not limited to, an exemption from the auditor attestation requirements of Section 404(b) of the Sarbanes-Oxley Act, reduced disclosure obligations regarding executive compensation, and exemptions from the requirements of holding non-binding advisory votes on executive compensation and golden parachute payments. Revenue recognition Revenue recognitionNature of Goods and ServicesThe Groupâ€™s revenue consists primarily of sales of lithium-ion batteries. The obligation of the Group is to provide the battery products. Revenue is recognized at the point of time when control of the promised goods or services is transferred to the customer, in an amount that reflects the consideration the Group expects to be entitled to in exchange for the goods or services.Contract balancesContract balances include accounts receivable and advances from customers. Accounts receivable represent cash not received from customers and are recorded when the rights to consideration are unconditional. The allowance for credit losses reflects the best estimate of probable losses inherent to the accounts receivable balance. Contract liabilities, recorded in advance from customers in the consolidated balance sheets, represent payment received in advance or payment received related to a material right provided to a customer to acquire additional goods or services at a discount in a future period. During the three months ended SeptemberÂ 30, 2024 and 2023, the Group recognized \$883 and \$1,191 of revenue previously included in advance from customers as of July 1, 2024 and July 1, 2023, respectively. During the nine months ended SeptemberÂ 30, 2024 and 2023, the Group recognized \$4,208 and \$2,485 of revenue previously included in advance from customers as of January 1, 2024 and January 1, 2023, respectively. Operating leases Operating leasesAs of SeptemberÂ 30, 2024, the Company recorded operating lease right-of-use (ROU) assets of \$19,468 and operating lease liabilities of \$19,540, including current portion in the amount of \$3,214, which was recorded under accrued expenses and other current liabilities on the balance sheet. The Company determines if an arrangement is a leaseÂ Â Â or contains a lease at lease inception. Operating leases are required to record in the statement of financial position as right-of-use assets and lease liabilities, initially measured at the present value of the lease payments. The Company has elected the package of practical expedients, which allows the Company not to reassess (1) whether any expired or existing contracts as of the adoption date are or contain a lease, (2) lease classification for any expired or existing leases as of the adoption date and (3) initial direct costs for any expired or existing leases as of the adoption date. The Company also elected the practical expedient not to separate lease and non-lease components of contracts. Lastly, for lease assets other than real estate, such as printing machines and electronic appliances, the Company elected the short-term lease exemption as their lease terms are 12 months or less.As the rate implicit in the lease is not readily determinable, the Company estimates its incremental borrowing rate based on the information available at the commencement date in determining the present value of lease payments. The incremental borrowing rate is estimated in a portfolio approach to approximate the interest rate on a collateralized basis with similar terms and payments in a similar economic environment. Lease expense is recorded on a straight-line basis over the lease term. Impairment of long-lived assets Impairment of long-lived assetsIn accordance with ASC 360, Property, Plant and Equipment (â€œASC 360â€), the Company reviews long-lived assets such as property, plant and equipment for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to the future net undiscounted cash flows expected to be generated by the asset. If such assets are considered to be impaired, the impairment recognized is measured by the amount by which the carrying amount of the assets exceeds the fair value of the assets, and an impairment loss is recorded as a component of operating expenses. Fair value is estimated based on various valuation techniques. For assets held for sales, the amount of potential impairment may be based upon appraisal of the asset, estimated market value of similar assets or estimated cash flow from the disposition of the asset. The evaluation of asset impairment requires the Company to make assumptions about future cash flows over the life of the asset being evaluated. These assumptions require significant judgment and actual results may differ from assumed and estimated amounts. Assets held for sale Asset held for salesAssets to be disposed of by sale are reported at the lower of the carrying value or fair value less cost to sell when the Company has committed to a sale agreement and would be reported separately as asset held for sales in the unaudited condensed consolidated balance sheets.Debt RestructuringA debt restructuring is the modification of debt in which a creditor grants a concession it would not otherwise consider to a debtor that is experiencing financial difficulties. These modifications may include a reduction of an extension of the maturity date, a reduction of the face amount or maturity amount of the debt, or a reduction of accrued interest. Convertible loan with shareholder Convertible loan with shareholder measured at fair valueThe Company has elected the fair value option to account for the convertible loan with shareholder described in NoteÂ 14Â Â â€ Convertible loan with shareholder measured at fair value herein, and records changes in fair value in the unaudited condensed consolidated statements of operations, with the exception of changes in fair value due to instrument-specific credit risk which, if present, will be recorded as a component of other comprehensive income. Interest expense related to the convertible loan is included in the changes in fair value. As a result of applying the fair value option, direct costs and fees related to the convertible loan were expensed as incurred. Gains of \$2,764 and \$1,174 were recognized for the three and nine months ended SeptemberÂ 30, 2024. The fair value of the convertible loan with shareholder was determined by using a discounted cash flow model for the bond component and a Black-Scholes-Merton model for the conversion option, which is considered a Level 3 fair value measurement. Warrant Warrant The Company determines the accounting classification of warrants it issues as either liability or equity by first assessing whether the warrants meet liability classification in accordance with ASC 480-10, Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity (â€œASC 480â€), then in accordance with ASC 815-40 (â€œASC 815â€). Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Companyâ€™s Own Stock. Under ASC 480, warrants are considered liability classified if the warrants are mandatory redeemable, obligate the Company to settle the warrants or the underlying shares by paying cash or other assets, or warrants that must or may require settlement by issuing variable number of shares. If warrants do not meet liability classification under ASC 480, the Company assesses the requirements under ASC 815, which states that contracts that require or may require the issuer to settle the contract for cash are liabilities recorded at fair value, irrespective of the likelihood of the transaction occurring that triggers the net cash settlement feature. If the warrants do not require liability classification under ASC 815, and in order to conclude equity classification, the Company also assesses whether the warrants are indexed to its Common Stock and whether the warrants are classified as equity under ASC 815 or other applicable GAAP. After all relevant assessments, the Company concludes whether the warrants are classified as liability or equity. Liability classified warrants require fair value accounting at issuance and subsequent to initial issuance with all changes in fair value after the issuance date recorded in the unaudited consolidated statements of operations. Equity classified warrants only require fair value accounting at issuance with no changes recognized subsequent to the issuance date. Refer to Notes 10 for information regarding the warrants issued. Recent accounting pronouncements not yet adopted Recent accounting pronouncements not yet adoptedIn November 2023, the FASB issued ASU 2023-07 â€œSegment Reporting (Topic 280): Improvements to Reportable Segment Disclosuresâ€ (â€œASU 2023-07â€). ASU 2023-07 intends to improve reportable segment disclosure requirements, enhance interim disclosure requirements and provide new segment disclosure requirements for entities with a single reportable segment. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and for interim periods with fiscal years beginning after December 15, 2024. ASU 2023-07 is to be adopted retrospectively to all prior periods presented. The Company is currently assessing the impact this guidance will have on the consolidated financial statements and related disclosures.In December 2023, the FASB issued ASU 2023-09 â€œImprovements to Income Tax Disclosuresâ€ (â€œASU 2023-09â€). ASU 2023-09 intends to improve the transparency of income tax disclosures. ASU 2023-09 is effective for fiscal years beginning after December 15, 2024 and is to be adopted on a prospective basis with the option to apply retrospectively. The Company is currently assessing the impact of this guidance, however, the Company do not expect a material impact to the consolidated financial statements. Debt instrument term, description The original terms of these loans are with a maximum maturity of 12 months and the interest rates range from 3.30% to 4.85% per annum Public Warrants Once the Public Warrants became exercisable, the Company may redeem the Public Warrants:â€¢in whole and not in part;â€¢at a price ofâ€¢\$0.01 per warrant;â€¢upon not less than 30 daysâ€¢ prior written notice of redemption;â€¢if, and only if, the reported last sale price of the Companyâ€™s Common Stock equals or exceeds \$18.00 per share for any 20-trading days within a 30-trading day period ending on the third business day prior to the notice of redemption to the warrant holders; andâ€¢if, and only if, there is a current registration statement in effect with respect to the shares of Common Stock underlying the warrants. X - DefinitionAssets Held For Sale, Policy + ReferencesNo definition available. + Details Name: mvst AssetsHeldForSalePolicyPolicyTextBlock Namespace Prefix: mvst_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst DebtInstrumentTermDescriptionPolicyTextBlock Namespace Prefix: mvst_Data Type: dtr-types:1:textBlockItemType Balance Type: na Period Type: duration X - DefinitionIt reparents emerging growth company policy text block. + ReferencesNo definition available. + Details Name: mvst_EmergingGrowthCompanyPolicyTextBlock Namespace Prefix: mvst_Data Type: dtr-types:1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst PublicWarrantsPolicyTextBlock Namespace Prefix: mvst_Data Type: dtr-types:1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst_WarrantLiabilityPolicyTextBlock Namespace Prefix: mvst_Data Type: dtr-types:1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary. + ReferencesReference 1:

Recoveries of credit losses: "A â€" A â€" A 1 - Exchange difference 1474 (20)294 (182)Balance at end of the period\$3,832.4 \$3,242.4 \$3,832.4 \$3,242.4 - DefinitionSchedule of Accounts Receivable + ReferencesNo definition available. + Details Name: mvst_ScheduleOfAccountsReceivableTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure of allowance for doubtful accounts. + ReferencesNo definition available. + Details Name: mvst_ScheduleOfAllowanceForDoubtfulAccountsTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ReceivablesAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration XML 39 R28.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES (Tables) 9 Months Ended Sep. 30, 2024 Inventory Disclosures [Abstract] A Schedule of Inventories Inventories consisted of the following: September 30, 2024December 31, 2023Work in process\$102,443.4 \$86,379.9 Raw materials\$6,704.4 \$35,867.4 Finished goods\$18,622.4 27,503.4 Totals\$157,769.4 \$149,749.4 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R29.htm IDEA: XBRL DOCUMENT v3.24.3 ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES (Tables) 9 Months Ended Sep. 30, 2024 Accrued Liabilities and Other Liabilities [Abstract] A Schedule of Accrued Expenses and Other Current Liabilities September 30, 2024December 31, 2023Product warranty, current\$8,151.4 \$13,738.4 Payables for purchase of property, plant and equipment\$4,318.9 96,350.4 Other current liabilities\$18,112.4 14,312.4 Accrued payroll and welfare\$4,445.4 8,089.4 Accrued expenses\$6,118.4 6,224.4 Interest payable\$1,429.4 1.4 Other tax payable\$8,415.4 7,117.4 Operating lease liabilities, current\$3,214.2 2,413.4 Totals\$104,202.4 \$148,284.4 X - ReferencesNo definition available. + Details Name: mvst_AccruedExpensesAndOtherCurrentLiabilitiesTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_AccruedLiabilitiesAndOtherLiabilitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration XML 41 R30.htm IDEA: XBRL DOCUMENT v3.24.3 PRODUCT WARRANTY (Tables) 9 Months Ended Sep. 30, 2024 Product Warranties Disclosures [Abstract] A Schedule of Movement of Product Warranty Movement of product warranty as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024202320242023Balance at beginning of the period\$34,184.4 \$37,108.4 \$35,217.4 \$42,060.4 Provided during the period\$4,024.4 3,567.4 10,353.4 9,017.4 Utilized during the period(3,970.4 7,125.4 15,635.4)Exchange difference\$1,216.4 (202.4)400.4 (2,094.4)Balance at end of the period\$35,454.4 \$33,348.4 \$35,454.4 \$33,348.4 Schedule of Warranty Cost September 30, 2024December 31, 2023Product warranty â€" current\$8,151.4 \$13,738.4 Product warranty â€" non-current\$27,303.4 21,479.4 Totals\$35,454.4 \$35,217.4 X - ReferencesNo definition available. + Details Name: us-gaap_ProductWarrantiesDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of product information that are included in the discussion of the nature of an entity's operations. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfProductInformationTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the changes in the guarantor's aggregate product warranty liability, including the beginning balance of the aggregate product warranty liability, the aggregate reductions in that liability for payments made (in cash or in kind) under the warranty, the aggregate changes in the liability for accruals related to product warranties issued during the reporting period, the aggregate changes in the liability for accruals related to preexisting warranties (including adjustments related to changes in estimates), and the ending balance of the aggregate product warranty liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef-Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 - Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap_ScheduleOfProductWarrantyLiabilityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R31.htm IDEA: XBRL DOCUMENT v3.24.3 BANK BORROWINGS (Tables) 9 Months Ended Sep. 30, 2024 Bank Borrowings [Abstract] A Schedule of Bank Borrowings Repayment As of September 30, 2024, the Group had outstanding borrowings of \$75,115 under the 2022 Facility Agreement.Repayment DateRepayment AmountDecember 10, 2024\$10,859 (RMB76.2 million)June 10, 2025\$10,859 (RMB76.2 million)December 10, 2025\$10,859 (RMB76.2 million)June 10, 2026\$16,288 (RMB114.3 million)December 10, 2026\$26,250 (RMB184.2 million) Schedule of Bank Borrowings Changes in bank borrowings are as follows: A Three Months Ended September 30, Nine Months Ended September 30, A 2024202320242023Beginning balances\$94,237.4 \$49,146.4 \$79,153.4 \$46,395.4 Proceeds from bank borrowings29,911.4 9,207.4 70,373.4 18,439.4 Repayments of principal(4,375.4 2,347.4 31,824.4 6,286.4)Exchange difference\$3,801.4 (349.1)872.4 (2,891.4)Ending balances\$119,574.4 \$55,657.4 \$119,574.4 \$55,657.4 Balance of bank borrowings includes: September 30, 2024December 31, 2023Current\$66,177.4 \$35,392.4 Non-current\$53,397.4 43,761.4 Totals\$119,574.4 \$79,153.4 Schedule of Banking Facilities and Aggregate Carrying Amount The aggregate carrying amount of the assets pledged by the Group as of September 30, 2024 and December 31, 2023 are as follows: September 30, 2024December 31, 2023Buildings\$121,302.4 \$124,565.4 Machinery and equipment\$65,091.4 â€" A Land use rights\$11,902.4 11,984.4 Construction in progress\$348.4 â€" A Totals\$198,643.4 \$136,549.4 X - ReferencesNo definition available. + Details Name: mvst_BankBorrowingsAbstract Namespace Prefix: mvst_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst_ScheduleOfBankBorrowingsRepaymentTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst_ScheduleOfBankBorrowingsTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst_ScheduleOfBankingFacilitiesAndAggregateCarryingAmountTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration XML 43 R32.htm IDEA: XBRL DOCUMENT v3.24.3 OTHER NON-CURRENT LIABILITIES (Tables) 9 Months Ended Sep. 30, 2024 Other Liabilities, Noncurrent [Abstract] A Schedule of Other Non-Current Liabilities September 30, 2024December 31, 2023Product warranty - non-current\$27,303.4 \$21,479.4 Deferred subsidy income - non-current\$6,093.4 3,382.4 Other non-current payable\$5,090.4 â€" A Totals\$38,486.4 \$24,861.4 X - ReferencesNo definition available. + Details Name: mvst_ScheduleOfOtherNonCurrentLiabilitiesTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OtherLiabilitiesNoncurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration XML 44 R33.htm IDEA: XBRL DOCUMENT v3.24.3 BONDS PAYABLE (Tables) 9 Months Ended Sep. 30, 2024 Bonds Payable [Abstract] A Schedule of Bonds Payable September 30, 2024December 31, 2023Longâ€"term bonds payableÂ€ A Huzhou Saiyuan\$43,157.4 \$43,157.4 Totals\$43,157.4 \$43,157.4 X - ReferencesNo definition available. + Details Name: mvst_BondsPayableAbstract Namespace Prefix: mvst_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionSchedule of bonds payable. + ReferencesNo definition available. + Details Name: mvst_ScheduleOfBondsPayableTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration XML 45 R34.htm IDEA: XBRL DOCUMENT v3.24.3 WARRANTS (Tables) 9 Months Ended Sep. 30, 2024 Warrants [Abstract] A Schedule of Under the Binomial-Lattice Model (â€œBLMâ€) That Assumes Optimal Exercise of the Companyâ€™s Redemption Option The Private Warrants were valued using the following assumptions under the Monte Carlo Model that assumes optimal exercise of the Companyâ€™s redemption option at the earliest possible date: September 30, 2024Market price of public stock\$0.25Â€ Exercise prices\$11.50Â€ Expected term (years)1.82Volatility96.27% Â€ Risk-free interest rate3.64% Â€ Dividend rate0.00% Â€ X - ReferencesNo definition available. + Details Name: mvst_ScheduleOfUnderTheBinomialLatticeModelBLMThatAssumesOptimalExerciseOfTheCompanyRedemptionOptionTableTextBlock Namespace Prefix: mvst_ Data Type: dtr-types1:textBlockItemType Balance Type: na Period Type: duration X - DefinitionWarrants [Abstract] + ReferencesNo definition available. + Details Name: mvst_WarrantsAbstract Namespace Prefix: mvst_ Data Type: xbrl:stringItemType Balance Type: na Period Type: duration XML 46 R35.htm IDEA: XBRL DOCUMENT v3.24.3 FAIR VALUE MEASUREMENT (Tables) 9 Months Ended Sep. 30, 2024 Fair Value Disclosures [Abstract] A Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis As of September 30, 2024 and December 31, 2023, information about inputs for the fair value measurements of the Groupâ€™s assets and liabilities that are measured at fair value on a recurring basis in periods subsequent to their initial recognition is as follows: Fair Value Measurement as of September 30, 2024Quoted Prices in Active Market for Identical Assets (Level 1) Significant Other Observable Inputs (Level 2) Significant Unobservable Inputs (Level 3) TotalCash and cash equivalents\$63,585.4 â€" A â€" A \$63,585.4 Restricted cash\$1,382.4 â€" A â€" A \$1,382.4 Total financial assets\$114,967.4 â€" A â€" A \$114,967.4 Warrant liability\$â€" A â€" A \$1.4 \$1.4 Convertible loan with shareholder measured at fair valueâ€" A â€" A \$24,423.4 24,4

02233,444,469A 2.38A Vested(6,722,228)47A Outstanding as of September 30, 2023,722,221A 2.29A The non-vested shares activity for the nine months ended September 30, 2023 was as follows: Number of Non-Vested Shares Weighted Average Grant Date Fair Value Per Share (U.S.\$) Outstanding as of December 31, 2023,397,804A 2.71A Outstanding as of December 31, 2023,598,606A 3.07A Grant 79,909A 1.40A Vested(503,505)2.65A Forfeited(777,206)4.29A Outstanding as of September 30, 2023,397,804A 2.71A Schedule of Classification of Stock-based Compensation The following summarizes the classification of share-based compensation: Three Months Ended September 30, Nine Months Ended September 30, 2023 Cost of revenues \$771.1,530A \$3,390A \$4,559A General and administrative expenses \$3,392A 10,444A 19,192A \$3,031A Research and development expenses \$1,604A 2,953A 5,902A Selling and marketing expenses \$34A 935A 1,805A 3,391A Construction in process \$8A 140A 22A Total \$6,309A \$16,002A \$30,311A \$52,070A X - References No definition available. + Details Name: us-gaap DisclosureOfCompensationRelatedCostsSharebasedPaymentsAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure of share-based payment arrangement. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap DisclosureOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure of the changes in outstanding nonvested shares. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ScheduleOfNonVestedShareActivityTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure of the significant assumptions used during the year to estimate the fair value of stock options, including, but not limited to: (a) expected term of share options and similar instruments, (b) expected volatility of the entity's shares, (c) expected dividends, (d) risk-free rate(s), and (e) discount for post-vesting restrictions. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (f)(2) -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 49 R38.htm IDEA: XBRL DOCUMENT v3.24.3 CONVERTIBLE LOAN WITH SHAREHOLDER MEASURED AT FAIR VALUE (Tables) 9 Months Ended Sep. 30, 2024 Related Party Transactions [Abstract] A Fair Value Measurement Inputs and Valuation Techniques The significant input of the discounted cash flow model for the bond component is the discount rate. Below are the key inputs used in Black-Scholes-Merton model for the conversion option: September 30, 2024 Market price of public stock \$0.25A Exercise price \$0.50A Expected term (years) 1.16 Volatility 55.50A % Risk-free interest rate 3.85A % Dividend rate 0.00A % X - Definition Tabular disclosure of input and valuation technique used to measure fair value and change in valuation approach and technique for each separate class of asset and liability measured on recurring and nonrecurring basis. + References Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 103 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-103Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap RelatedPartyTransactionsAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration XML 50 R39.htm IDEA: XBRL DOCUMENT v3.24.3 NET PROFIT/(LOSS) PER SHARE (Tables) 9 Months Ended Sep. 30, 2024 Earnings Per Share [Abstract] A Schedule of Computation of Basic and Diluted Net Loss Per Share The following table sets forth the computation of basic and diluted net profit/(loss) per share for the periods indicated: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Numerator: Net profit/(loss) attributable to common stock shareholders-Basic \$13,247A \$(26,130) \$(90,019) \$(81,800) Changes in fair value of convertible loan(2,764) \$A \$A \$A \$A Net profit/(loss) attributable to common stock shareholders-Dilutive \$10,483A \$(26,130) \$(90,019) \$(81,800) Denominator: A Weighted average common stock used in computing basic net profit/(loss) per share 320,545,388A 313,108,457A 317,153,113A 309,541,499A Weighted-average effect of dilutive stocks: Add: Diluted effect of shares issuable upon exercise of non-vested shares 1,048,846A \$A \$A \$A Diluted effect of shares issuable upon exercise of Capped non-vested shares 1,654,338A \$A \$A \$A Diluted effect of shares issuable upon convert of convertible loan 43,782,609A \$A \$A \$A Weighted average stock used in computing diluted net profit/(loss) per share 367,031,181A 313,108,457A 317,153,113A 309,541,499A Basic net profit/(loss) per share \$0.04A \$(0.08) \$(0.28) \$(0.26) Diluted net profit/(loss) per share \$0.03A \$(0.08) \$(0.28) \$(0.26) Schedule of Shares Outstanding Were Excluded from the Calculation of Diluted Net Loss Per Ordinary Share For the three and nine months ended September 30, 2024 and 2023, the following Common Stock outstanding were excluded from the calculation of diluted net loss per share, as their inclusion would have been anti-dilutive for the periods prescribed: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Shares issuable upon exercise of stock options 31,431,068A 53,830,564A 31,812,977A 36,001,774A Shares issuable upon vesting of non-vested shares 1,371,685A 3,898,963A 2,646,585A 3,652,642A Shares issuable upon vesting of Capped non-vested shares \$A 8,343,220A 4,950,938A 11,662,166A Shares issuable upon exercise of warrants 33,937,000A 28,437,000A 30,946,124A 28,437,000A Shares issuable upon vesting of Earn-out shares 4,999,997A 19,999,988A 14,963,495A 19,999,988A Shares issuable that may be subject to cancellation 1,687,500A 1,687,500A 1,687,500A 1,687,500A Shares issuable upon convert of convertible loan \$A \$A \$A \$A X - References No definition available. + Details Name: us-gaap EarningsPerShareAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + References Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Tabular disclosure of the weighted-average grant-date fair value of equity options or other equity instruments granted during the year. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValueTableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 51 R40.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Going Concern (Details) - USD (\$) in Thousands 1 Months Ended 3 Months Ended 9 Months Ended Oct. 31, 2024 Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2023 Dec. 31, 2023 Dec. 31, 2022 Significant Accounting Policies [Line Items] A A A A A Revenues A \$ 101,388 \$ 80,116 \$ 266,414 \$ 202,042 A A Gross profit A 33,612 17,884 78,032 34,203 A A Net loss A (13,247) 26,172 90,019 81,821 A A Impairment loss from long-lived asset A 12,422 64,924 473 A A Working capital A 101,683 A A Stockholders' equity, including portfolio attributable to noncontrolling interest A 509,203 567,338 509,203 567,338 \$ 564,190 \$ 579,717 \$ 612,977 Cash and cash equivalents A 63,585 67,398 63,585 67,398 44,541 A A Ending balance A 119,574 A 119,574 A A Short-term bank borrowings A 66,177 A 66,177 A 35,392 A A Other accrued liabilities, current A 269,711 A 269,711 A A Payables for purchase of property, plant and equipment A 54,318 A 54,318 A \$ 96,350 A A Proceeds from bank borrowings A 29,911 \$ 9,207 70,373 A 18,439

<https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-100>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482130/360-10-45-15> + Details Name: us-gaap_ImpairmentOfLongLivedAssetsToBeDisposedOf Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expenses incurred but not yet paid classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_OtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe cash inflow during the period from additional borrowings in aggregate debt. Includes proceeds from short-term and long-term debt. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-14> + Details Name: us-gaap_ProceedsFromIssuanceOfDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478009/946-205-45-3>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 18: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 20: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1>Reference 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 31: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4>Reference 32: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4>Reference 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1>Reference 34: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-2>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1>Reference 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/810-10-50-1> + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionMinimum amount of purchase arrangement in which the entity has agreed to expend funds to procure goods or services from a supplier. + ReferencesNo definition available. + Details Name: us-gaap_PurchaseObligation Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482785/280-10-55-48>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-41>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 5: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 6: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 11: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-30>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-40>Reference 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1>Reference 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_Revenues Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type

143,288 Allowance for credit losses (3,832) (4,571) Accounts receivable, net \$ 121,539 \$ 138,717 X - DefinitionAmount, before allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(3\)\(a\)\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13](http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SAB Topic 5.BB\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap ProvisionForDoubtfulAccountsNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 59 R48.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES, NET - Schedule of Inventories (Details) - USD ($) $ in Thousands Sep. 30, 2024 Dec. 31, 2023 Inventory Disclosure [Abstract] A A Work in process $ 102,443 $ 86,379 Raw materials 36,704 35,867 Finished goods 18,622 27,503 Total $ 157,769 $ 149,749 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstractNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: <a href=)Reference 2: [http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10](http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap InventoryFinishedGoodsNetOfReservesNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: <a href=)Reference 2: [http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1](http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SAB Topic 5.BB\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap InventoryNetNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of unprocessed items to be consumed in the manufacturing or production process. + ReferencesReference 1: <a href=)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SAB Topic 5.BB\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2](http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap InventoryRawMaterialsNetOfReservesNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 720 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483384/720-30-45-1>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(15\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(20\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap OtherLiabilitiesCurrentNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and payable for estimated claims under standard and extended warranty protection rights granted to customers. For classified balance sheets, represents the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: <a href=)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8)Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(15\)\(5\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(5) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8 + Details Name: us-gaap ProductWarrantyAccrualClassifiedCurrentNamespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 62 R51.htm IDEA: XBRL DOCUMENT v3.24.3 PRODUCT WARRANTY - Schedule of Movement of Product Warranty (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Movement in Standard and Extended Product Warranty Accrual, Increase (Decrease) [Roll Forward] A A A Balance at beginning of the period $ 34,184 $ 37,108 $ 35,217 $ 42,060 Provided during the period 4,024 3,567 10,353 9,017 Utilized during the period (3,970) (7,125) (10,516) (15,635) Exchange difference 1,216 (202) 400 (2,094) Balance at end of the period $ 35,454 $ 33,348 $ 35,454 $ 33,348 X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and payable for estimated claims under standard and extended warranty protection rights granted to customers. + ReferencesReference 1: <a href=)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-4)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8](http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-8)Reference 4:

currency translation gain (loss) which decreases (increases) the standard and extended product warranty accrual. + ReferencesReference 1:

[Publisher FASB - URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5:](#) [http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6:](#) [http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7:](#) [http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8:](#) [http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11:](#) [http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(e\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 26:](#) [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27:](#) [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap DebtInstrumentLineItems Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap AwardDateAxis=mvst_December102024Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardDateAxis=mvst_June102025Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardDateAxis=mvst_December102025Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardDateAxis=mvst_June102026Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap AwardDateAxis=mvst_December102026Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R55.htm IDEA: XBRL DOCUMENT v3.24.3 BANK BORROWINGS - Schedule of Bank Borrowings \(Details\) - USD \(\\$\) \\$ in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Dec. 31, 2023 Bank Borrowing \[Roll Forward\] Å Å Å Beginning balance \\$ 94,237 \\$ 49,146 \\$ 79,153 \\$ 46,395 Å Proceeds from bank borrowings 29,911 9,207 70,373 18,439 Å Repayments of principal \(8,375\) \(2,347\) \(31,824\) \(6,286\) Å Exchange difference 3,801 \(349\) 1,872 \(2,891\) Å Ending balance 119,574 55,657 119,574 55,657 Å Short-term bank borrowings 66,177 Å 66,177 Å \\$ 35,392 Non-current 53,397 Å 53,397 Å 43,761 Total \\$ 119,574 \\$ 55,657 \\$ 119,574 \\$ 55,657 \\$ 79,153 X - ReferencesNo definition available. + Details Name: mvst BankBorrowingRollForward Namespace Prefix: mvst_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst ExchangeDifference Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRepaymentsOfPrincipal + ReferencesNo definition available. + Details Name: mvst RepaymentsOfPrincipal Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRepresents the aggregate of total long-term debt, including current maturities and short-term debt. + ReferencesNo definition available. + Details Name: us-gaap DebtLongtermAndShorttermCombinedAmount Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium \(discount\) and debt issuance cost, of long-term debt. Excludes lease obligation. + ReferencesReference 1: \[http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \\(SX 210.5-02\\(22\\)\\) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2:\]\(#\) \[http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 3:\]\(#\) \[http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \\(SX 210.9-03\\(16\\)\\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 4:\]\(#\) \[http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 5:\]\(#\) \[http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 6:\]\(#\) \[http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph \\(b\\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 7:\]\(#\) \[http://www.xbrl.org/2009/role\]\(#\)](#)

Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe cash outflow from the repayment of a long-term debt instrument which can be exchanged for a specified amount of another security, typically the entity's common stock, at the option of the issuer or the holder. + ReferencesReference 1:

S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(e)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1>Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph \(SX 210.12-13\(Column H\)\(Footnote 7\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5)Reference 19: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(9\)\(b\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 20: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(9\)\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1)Reference 21: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SX 210.12-13\(Column G\)\(Footnote 8\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5)Reference 22: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph \(SX 210.12-13\(Column H\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5C -Subparagraph (SX 210.12-13(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5)Reference 23: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SX 210.12-13\(Column G\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5)Reference 24: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph \(SX 210.12-13A\(Column E\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5A](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5A)Reference 25: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph \(SX 210.12-13B\(Column E\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5B](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5B)Reference 26: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph \(SX 210.12-13B\(Column E\)\(Footnote 4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5B](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-S99-5B)Reference 27: [http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3)Reference 28: <http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22>Reference 29: <http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10>Reference 30: <http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10> + Details Name: us-gaap_DerivativeLiabilities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value of financial obligations, including, but not limited to, debt instruments, derivative liabilities, federal funds purchased and sold under agreements to repurchase, securities loaned or sold under agreements to repurchase, financial instruments sold not yet purchased, guarantees, line of credit, loans and notes payable, servicing liability, and trading liabilities. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2E>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FinancialLiabilitiesFairValueDisclosure Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(2\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1)Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-03\(1\)\(a\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1) + Details Name: us-gaap_RestrictedCash Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 74 R63.htm IDEA: XBRL DOCUMENT v3.24.3 FAIR VALUE MEASUREMENT - Schedule of Reconciliation of the Beginning and Ending Balances for Level 3 Warrant Liability (Details) - USD (\$) in Thousands 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Å Interest paid during the period (347) Å Warrant Liability Å Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Å Balance at the beginning of the period 67 \$ 126 Changes in fair value (66) 25 Balance at end of the period 1 \$ 151 Shares issuable upon convert of convertible loan Å Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Å Balance at the beginning of the period 0 Å Issuance of convertible loan with shareholder 25,944 Å Changes in fair value (1,174) Å Balance at end of the period \$ 24,423 Å X - DefinitionFair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Interest Paid + ReferencesNo definition available. + Details Name: mvst_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityInterestPaid Namespace Prefix: mvst_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) recognized in income from liability measured at fair value on recurring basis using unobservable input (level 3). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInEarnings Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of issuances of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityIssues Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFair value of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationsRecurringBasisLiabilityValue Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByLiabilityClassAxis=mvst_WarrantLiabilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByLiabilityClassAxis=us-gaap_ConvertibleDebtMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 75 R64.htm IDEA: XBRL DOCUMENT v3.24.3 LEASES - Narrative (Details) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 USD (\$) Sep. 30, 2024 USD (\$) Leases [Abstract] Å Operating lease, cost of \$883 \$ 2,602 Short-term lease, cost of \$79 \$ 383 Operating lease, weighted average remaining lease term 9 years 3 months 18 days 9 years 3 months 18 days Operating lease, weighted average discount rate, percent 5.20% 5.20% X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Namespace Prefix: us-gaap_Data Type: dtr-types:percentItem Type Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYmMnDtnHnMns' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Namespace Prefix: us-gaap_Data Type: xbrli:durationItem Type Balance Type: na Period Type: instant X - DefinitionAmount of short-term lease cost, excluding expense for lease with term of one month or less. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_ShortTermLeaseCost Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 76 R65.htm IDEA: XBRL DOCUMENT v3.24.3 LEASES - Supplemental Cash Flow Information Related to Leases (Details) \$ in Thousands 9 Months Ended Sep. 30, 2024 USD (\$) Leases [Abstract] Å Cash payments for operating leases \$ 2,518 Right-of-use assets obtained in exchange for new operating lease liabilities \$ 2,258 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-5)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_OperatingLeasePayments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(g\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4](http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4) + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 77 R66.htm IDEA: XBRL DOCUMENT v3.24.3 LEASES - Summary of the Annual Undiscounted Cash Flows for Lease Liabilities Maturity Analysis (Details) \$ in Thousands Sep. 30, 2024 USD (\$) Leases [Abstract] Å Three months period ending December 31, 2024 \$ 1,347 2025 3,781 2026 2,917 2027 2,458 2028 1,873 2029 1,681 Thereafter 10,227 Total future lease payments 24,284 Less: Imputed interest (4,744) Present value of operating lease liabilities \$ 19,540 X - ReferencesNo definition available. + Details Name: us-gaap_LeasesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in first fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearOne Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in current fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearZero Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in current fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1:

xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details> Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details> Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. + ReferencesReference 1: <http://www.xbrli.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details> Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsRemainderOfFiscalYear Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details> Name: us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details) Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 78 R67.htm IDEA: XBRL DOCUMENT v3.24.3 SHARE-BASED PAYMENT - Narrative (Details) \$ in Thousands 3 Months Ended 9 Months Ended July 21, 2021 Sep 30, 2024 USD (\$) Sep 30, 2023 USD (\$) Sep 30, 2024 USD (\$) shares Sep 30, 2023 USD (\$) Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Á Á Plan expire date 10 years Á Á Á Á Exchange ratio 160.3 Á Á Á Á Reserves percentage 5.00% Á Á Á Á Stock option Á Á Á \$ 856 Á Weighted-average period Á Á Á 1 month 6 days Á Aggregate intrinsic value Á \$ 0 Á \$ 0 Á Compensation cost Á Á Á 2,093 Á Share Options Á Á Á Á Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Á Á Compensation expense Á 3,176 Á 12,713 25,489 \$ 39,768 Capped Non-vested Shares Units Á Á Á Á Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Á Á Stock-based compensation expense Á 312 1,832 2,793 8,378 Restricted Stock Units (RSUs) Á Á Á Á Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Á Á Compensation expense Á 358 577 \$ 1,058 1,536 Granted (in shares) | shares Á Á Á 2,721,624 Á Performance Based Restricted Stock Unit (PSU) Á Á Á Á Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Á Á Compensation expense Á \$ 2,463 \$ 880 \$ 971 \$ 2,388 Granted (in shares) | shares Á Á Á 2,680,372 Á X - DefinitionAggregate intrinsic value of the share options. + ReferencesNo definition available. + Details Name: mvst_AggregateIntrinsicValueOfTheShareOptions Namespace Prefix: mvst_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: mvst_CommonStockReservedForESOPPlan Namespace Prefix: mvst_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionExchange ratio. + ReferencesNo definition available. + Details Name: mvst_ExchangeRatio Namespace Prefix: mvst_ Data Type: xbrli:pureItemType Balance Type: na Period Type: instant X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SAB Topic 14.F\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-599-1Reference 2: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(h\)\(1\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-599-1Reference 2: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense recognized from equity-based compensation arrangements (for example, shares of stock, unit, stock options or other equity instruments), awarded to key employees or individuals. Excludes amount related to plans that cover generally all employees (for example, but not limited to, qualified pension plans). + ReferencesNo definition available. + Details Name: us-gaap_DeferredCompensationArrangementWithIndividualAllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionWeighted average period until annuitization or benefit payment is expected to occur, in 'PnYnMnDnTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479808/944-20-55-15 + Details> Name: us-gaap_NetAmountAtRiskByProductAndGuaranteeWeightedAveragePeriodRemaining1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrli.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(1\)\(iv\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNet number of share options (or share units) granted during the period. + ReferencesReference 1: <a href=) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAn excess of the fair value of the modified award over the fair value of the award immediately before the modification. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(h\)\(2\)\(iii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardPlanModificationIncrementalCompensationCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionExpiration period of standby bond purchase commitment, in 'PnYnMnDnTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_StandbyBondPurchaseCommitmentExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of noncash expense for option under share-based payment arrangement. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details) Name: us-gaap_StockOptionPlanExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=mvst_CappedNonVestedSharesUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=mvst_PerformanceBasedRestrictedStockUnitPSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 79 R68.htm IDEA: XBRL DOCUMENT v3.24.3 SHARE-BASED PAYMENT - Schedule of Fair Value Assumptions (Details) - \$ / shares 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Weighted average grant date fair value, grant (in dollars per share) Á \$ 1.18 Stock option Á Á Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Á Á Exercise price (in dollars per share) \$ 5.69 Á Expected term (years) 1 year 3 months Á Volatility 85.66% Á Risk-free interest rate 5.00% Á Expected dividend yields 0.00% Á Weighted average grant date fair value, grant (in dollars per share) \$ 0.0035 Á X - DefinitionAgreed-upon price for the exchange of the underlying asset relating to the share-based payment award. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe estimated dividend rate (a percentage of the share price) to be paid (expected dividends) to holders of the underlying shares over the option's term. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(f\)\(2\)\(iii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedDividendRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe estimated measure of the percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(f\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(f\)\(2\)\(iv\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: [http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35](http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-1DReference 2: http://www.xbrli.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35)

-Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(v) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average grant-date fair value of options granted during the reporting period as calculated by applying the disclosed option pricing methodology. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionExpected term of award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedTerm1 Namespace Prefix: us-gaap_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 80 R69.htm IDEA: XBRL DOCUMENT y3.24.3 SHARE-BASED PAYMENT - Schedule of Stock Options (Details) - \$ / shares 9 Months Ended 12 Months Ended Sep. 30, 2023 Dec. 31, 2022 Number of Shares Å Å Å Number of shares, outstanding at beginning (in shares) 32,876,682 36,091,071 36,091,071 Å Number of shares, grant (in shares) Å 640,000 Å Å Number of shares, forfeited (in shares) (1,521,350) (895,706) Å Å Number of shares, outstanding at ending (in shares) 31,355,332 35,835,365 32,876,682 36,091,071 Number of shares, expected to vest and exercisable (in shares) 31,355,332 35,835,365 Å Å Number of shares, exercisable (in shares) 30,088,665 23,916,879 Å Å Weighted Average Exercise Price (U.S.\$) Å Å Å Weighted average exercise price, outstanding at beginning (in dollars per share) \$ 6.01 \$ 6.08 \$ 6.08 Å Weighted average exercise price, granted (in dollars per share) Å 1.77 Å Å Weighted average exercise price, forfeited (in dollars per share) 4.60 5.02 Å Å Weighted average exercise price, outstanding at ending (in dollars per share) 6.08 6.03 6.01 \$ 6.08 Weighted average exercise price, expected to vest and exercisable (in dollars per share) 6.08 6.03 Å Å Weighted average exercise price, exercisable (in dollars per share) 6.14 6.14 Å Å Weighted Average Grant Date Fair Value (U.S.\$) Å Å Å Weighted average grant date fair value, outstanding at beginning (in dollars per share) 4.73 4.80 4.80 Å Weighted average grant date fair value, grant (in dollars per share) Å 1.18 Å Å Weighted average grant date fair value per share, non-vested shares, forfeited (in dollars per share) 3.18 3.64 Å Å Weighted average grant date fair value, outstanding at ending (in dollars per share) 4.80 4.76 \$ 4.73 \$ 4.80 Weighted average grant date fair value, expected to vest and exercisable (in dollars per share) 4.80 4.76 Å Å Weighted average grant date fair value, exercisable (in dollars per share) \$ 4.89 \$ 4.90 Å Å Weighted Average Remaining Contractual Life Å Å Å Weighted average remaining contractual, outstanding 5 years 5 years 7 months 6 days 5 years 8 months 12 days 6 years 9 months 18 days Weighted average remaining contractual life, expected to vest and exercisable 5 years 5 years 7 months 6 days Å Å Weighted average remaining contractual life, exercisable 5 years 1 month 6 days 5 years 6 months Å Å X - DefinitionShare-Based Compensation Arrangement By Share-Based Payment Award, Options, Exercisable, Weighted Average Grant Date Fair Value + ReferencesNo definition available. + Details Name: mvst_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageGrantDateFairValue Namespace Prefix: mvst_Data Type: dtr-types:1:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe weighted average grant date fair value, Expected to vest and exercisable. + ReferencesNo definition available. + Details Name: mvst_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageGrantDateFairValueExpectedToVestAndExercisable Namespace Prefix: mvst_Data Type: dtr-types:1:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe weighted average grant date fair value, Outstanding. + ReferencesNo definition available. + Details Name: mvst_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageGrantDateFairValueOutstanding Namespace Prefix: mvst_Data Type: dtr-types:1:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average Remaining Contractual Life + ReferencesNo definition available. + Details Name: mvst_WeightedAverageRemainingContractualLifeAbstract Namespace Prefix: mvst_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares into which fully or partially vested stock options outstanding as of the balance sheet date can be currently converted under the option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe weighted-average price as of the balance sheet date at which grantees can acquire the shares reserved for issuance on vested portions of options outstanding and currently exercisable under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresInPeriod Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionGross number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average grant-date fair value of options granted during the reporting period as calculated by applying the disclosed option pricing methodology. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionNumber of fully vested and expected to vest exercisable options that may be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableNumber Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest exercisable or convertible options. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which grantees could have acquired the underlying shares with respect to stock options that were terminated. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsForfeituresInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average per share amount at which grantees can acquire shares of common stock by exercise of options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for vested portions of options outstanding and currently exercisable or convertible, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-

[us-gaap_RoleRefLegacyRef-Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](#) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Definition Weighted average grant-date fair value of non-vested options forfeited. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsNonvestedOptionsForfeitedWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsNonvestedWeightedAverageGrantDateFairValueAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - Definition Weighted average remaining contractual term for option awards outstanding, in 'PnYnMnDtnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 718 -SubTopic 10 -Subparagraph \(e\)\(1\) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemBalance Type: na Period Type: duration X - Definition Weighted average remaining contractual term for fully vested and expected to vest exercisable or convertible options, in 'PnYnMnDtnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(e\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemBalance Type: na Period Type: duration XML 81 R70.htm IDEA: XBRL DOCUMENT v3.24.3 SHARE-BASED PAYMENT - Schedule Non-vested Shares Activity (Details) - \$ / shares 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Capped Non-vested Shares Units A A Number of Non-Vested Shares A A Number of non-vested shares, outstanding (in shares) 6,665,014 13,444,469 Number of non-vested shares, vested (in shares) (6,665,014) (6,722,228) Number of non-vested shares, outstanding at ending balance (in shares) 0 6,722,241 Weighted Average Grant Date Fair Value Per Share (U.S.\$) A A Weighted average grant date fair value per share, non-vested shares, outstanding at beginning (in dollars per share) \$ 2.29 2.38 Weighted average grant date fair value per share, non-vested shares, vested (in dollars per share) 2.29 2.47 Weighted average grant date fair value per share, non-vested shares, outstanding at ending (in dollars per share) \$ 0 2.29 Restricted Stock Units (RSUs) A A Number of Non-Vested Shares A A Number of non-vested shares, outstanding (in shares) 3,598,606 1,222,837 Number of non-vested shares, grant (in shares) 79,909 3,354,633 Number of non-vested shares, vested (in shares) (503,505) (496,586) Number of non-vested shares, forfeited (in shares) (777,206) (103,424) Number of non-vested shares, outstanding at ending balance (in shares) 2,397,804 3,977,460 Weighted Average Grant Date Fair Value Per Share (U.S.\$) A A Weighted average grant date fair value per share, non-vested shares, outstanding at beginning (in dollars per share) \$ 3.07 6.92 Weighted average grant date fair value per share, non-vested shares, grant (in dollars per share) 1.40 1.88 Weighted average grant date fair value per share, non-vested shares, vested (in dollars per share) 2.65 3.39 Weighted average grant date fair value per share, non-vested shares, forfeited (in dollars per share) 4.29 4.59 Weighted average grant date fair value per share, non-vested shares, outstanding at ending (in dollars per share) \$ 2.71 3.17 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemBalance Type: na Period Type: duration X - Definition Weighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemBalance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details) Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemBalance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemBalance Type: na Period Type: duration X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details)

DefinitionCarrying amount of long-term convertible debt as of the balance sheet date, net of the amount due in the next twelve months or greater than the normal operating cycle, if longer. The debt is convertible into another form of financial instrument, typically the entity's common stock. + ReferencesReference 1:

-Paragraph 11 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7)Reference 12: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2>Reference 13: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B)Reference 14: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(25\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 17: [http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(27\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1)Reference 18: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(23\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 19: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7> + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: duration X - DefinitionAdditional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of share based payment arrangements using the treasury stock method. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480454/718-10-45-1>Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-22>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-23](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-23)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-28A> + Details Name: us-gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities; of income (loss) available to common shareholders. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SAB Topic 6.B\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 8: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-11>Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B) + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionAmount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, and addition from assumption of issuance of common shares for dilutive potential common shares; of income (loss) available to common shareholders. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph \(SAB Topic 6.B\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5](http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 6.B) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-5)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60B)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph \(b\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 40 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-40) + Details Name: us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16> + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1)Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10> + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration XML 86 R75.htm IDEA: XBRL DOCUMENT Y3.24.3 NET PROFIT/(LOSS) PER SHARE-Schedule of Shares Outstanding Were Excluded from the Calculation of Diluted Net Loss Per Ordinary Share (Details) - shares 3 Months Ended Sep. 30, 2024 Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Shares issuable upon exercise of stock options Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 31,431,068 35,830,564 31,812,977 36,001,774 Shares issuable upon vesting of non-vested shares Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 1,371,685 3,898,963 2,646,585 3,652,642 Shares issuable upon vesting of Capped non-vested shares Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 8,343,220 4,950,938 11,662,166 Shares issuable upon exercise of warrants Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 33,937,000 28,437,000 30,946,124 28,437,000 Shares issuable upon vesting of Earn-out shares Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 4,999,997 19,999,988 14,963,495 19,999,988 Shares issuable that may be subject to cancellation Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 1,687,500 1,687,500 1,687,500 1,687,500 Shares issuable upon convert of convertible loan Á Á Á Á Antidilutive Securities Excluded from Computation of Earnings Per Share [Line Items] Á Á Á Á Antidilutive securities excluded from computation of earnings per share, amount 0 0 17,678,832 0 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1) + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_ExerciseOfStockOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_VestingOfNonVestedSharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_VestingOfCappedNonVestedSharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_ExerciseOfWarrantsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_VestingOfEarnOutSharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=mvst_SubjectToCancellationOfSharesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareByAntidilutiveSecuritiesAxis=us-gaap_ConvertibleDebtMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 87 R76.htm IDEA: XBRL DOCUMENT Y3.24.3 COMMITMENTS AND CONTINGENCIES (Details) \$ in Thousands 9 Months Ended Jul. 15, 2024 USD (\$) Jun. 20, 2024 USD (\$) Mar. 18, 2024 USD (\$) Sep. 30, 2024 USD (\$) action Jul. 01, 2024 USD (\$) May 28, 2024 USD (\$) Dec. 31, 2023 USD (\$) Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Loss contingency, new claims filed | action Á Á Á 3 Á Á Á Liens amount Á Á Á \$ 35,656 Á Á Á Property, plant and equipment, net Á Á Á 527,160 Á Á Á \$ 620,667 Bank Acceptance Note Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Receivables from customers Á Á Á 4,299 Á Á Á Á Property, plant and equipment, net Á Á Á 25,729 Á Á Á Á Inventories Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Á Purchase obligation Á Á Á 52,262 Á Á Á Á Capital Commitments Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Á Capital commitments Á Á Á 42,074 Á Á Á Á Stoncor Group, Inc. Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Á Loss contingency, damages sought, value Á Á Á 1,251 Á Á Á Á DPR Construction GP Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Á Loss contingency, damages sought, value Á Á Á 19,950 Á Á Á Á Á Loss contingency, damages sought, retainage Á Á Á 1,566 Á Á Á Á Faith Technologies, Inc. Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Á Loss contingency, damages sought, value \$ 1,699 Á Á Á Á Á Á Á Á Bernhard MCC v. Hodess Cleanroom Construction, LLC, Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Liens amount Á Á Á Á Á Á Á \$ 2,173 Á Á Á Bernhard MCC, LLC. vs. U.S. Engineering Innovations, LLC, DPR Construction, Microvast, Inc. and the Industrial Development Board of the County of Montgomery Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Liens amount Á Á Á Á Á Á Á \$ 5,681 Á Á Á Virginia Transformer Corp. v. Microvast, Inc. and the Industrial Development Board of the County of Montgomery, Tennessee Á Á Á Á Á Á Á Á Á Commitments and Contingencies (Details) [Line Items] Á Á Á Á Á Á Á Á Liens amount Á Á Á Á Á Á Á \$ 1,769 Á Á Á X - DefinitionCapital commitments for construction of property and purchase of property, plant and equipment. + ReferencesNo definition available. + Details Name: mvst_CommitmentAndContingenciesCapitalCommitments Namespace Prefix: mvst_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionCommitments and Contingencies (Details) [Line Items] + ReferencesNo definition available. + Details Name: mvst_CommitmentsAndContingenciesDetailsLineItems Namespace Prefix: mvst_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionLiens Amount + ReferencesNo definition available. + Details Name: mvst_LiensAmount Namespace Prefix: mvst_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - DefinitionLoss Contingency, Damages Sought, Retainage + ReferencesNo definition available. + Details Name: mvst_LossContingencyDamagesSoughtRetainage Namespace Prefix: mvst_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - DefinitionThe value (monetary amount) of the award the plaintiff seeks in the legal matter. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1>Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4)Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9) + Details Name: us-gaap_LossContingencyDamagesSoughtValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - DefinitionThe total number of new claims filed pertaining to a loss contingency during the period. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9) + Details Name: us-gaap_LossContingencyNewClaimsFiledNumber Namespace Prefix: us-gaap_ Data Type: xbrli:integerItem Type Balance Type: na Period Type: duration X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and

[us-gaap_PledgeOfAssets](#), [us-gaap_PropertyPlantAndEquipmentNet](#), [us-gaap_Standards Codification -Section 50- Paragraph 1- SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7ARefrence 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-03\(a\)\(8\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionMinimum amount of purchase arrangement in which the entity has agreed to expend funds to procure goods or services from a supplier. + ReferencesNo definition available. + Details Name: us-gaap_PurchaseObligation Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount due from customers for fees and charges arising from transactions related to the entity's brokerage activities and operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.5-02\(3\)\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 940 -SubTopic 310 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/940-310/tableOfContent + Details Name: us-gaap_ReceivablesFromCustomers Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_PledgingPurposeAxis=mvsst.BankAccessionNoteMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LongTermPurchaseCommitmentByCategoryOfItemPurchasedAxis=us-gaap.InventoriesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByLiabilityClassAxis=us-gaap.CapitalAdditionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:](#)

srt_LitigationCaseAxis=mvsst.StonorGroupInc.Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:
srt_LitigationCaseAxis=mvsst.DPRConstructionGPVs.MicrovastInc.EtAlMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:
srt_LitigationCaseAxis=mvsst.FaithTechnologiesInc.MicrovastInc.EtAl.Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:
srt_LitigationCaseAxis=mvsst.BernhardMCCV.HodessCleanroomConstructionLLCHodessConstructionCorporationMicrovastInc.AndTheIndustrialDevelopmentBoardOfTheCountyOfMontgomeryMe.Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:
srt_LitigationCaseAxis=mvsst.BernhardMCCV.LLC.Vs.U.S.EngineeringInnovationsLLCDPRConstructionMicrovastInc.AndTheIndustrialDevelopmentBoardOfTheCountyOfMontgomeryMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name:
srt_LitigationCaseAxis=mvsst.VirginiaTransformerCorp.V.MicrovastInc.AndTheIndustrialDevelopmentBoardOfTheCountyOfMontgomeryTennesseeMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML R8 R77.IH IDEA: XBRL DOCUMENT v.3.24.3 SUBSEQUENT EVENTS (Details) - USD (\$) in Thousands 1 Months Ended Nov. 12, 2024 Sep. 30, 2024
Subsequent Event [Line Items] A Current settlement liabilities \$ 4,346 Subsequent Event A Subsequent Event [Line Items] A Proceeds from short-term debt \$ 3,297 A Proceeds from issuance of long-term debt \$ 6,665 A Total payable concession 1,036 A Litigation settlement, net \$ 3,310 X - DefinitionSettlement Liabilities, Total Payable Concession + ReferencesNo definition available. + Details Name: mvsst.SettlementLiabilitiesTotalPayableConcession Namespace Prefix: mvsst Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of gain (loss) recognized in settlement of litigation and insurance claims. Excludes claims within an insurance entity's normal claims settlement process. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48 + Details Name: us-gaap_GainLossRelatedToLitigationSettlement Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromIssuanceOfLongTermDebt Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a borrowing having initial term of repayment within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromShortTermDebt Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmounts payable for money transfers, money orders, and consumer payment service arrangements. Settlement liabilities include amounts payable to intermediaries for global payment transfers. + ReferencesNo definition available. + Details Name: us-gaap_SettlementLiabilitiesCurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionDetail information of subsequent event by type. User is expected to use existing line items from elsewhere in the taxonomy as the primary line items for this disclosure, which is further associated with dimension and member elements pertaining to a subsequent event. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483399/855-10-50-2 + Details Name: us-gaap_SubsequentEventLineItems Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap.SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 89 Financial Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial Report.xlsx M4\$!#!!0 (<S>,%D0UAB<0+> \$ 0 \$9 &LQ<C>,0871P+GAM M&SV/L0,I1\$ UYQ7=>IP4B0-<I2L+>[?>QLOD&1#LD)<CGVCV>;QA&WPIG M*M*N#BV&5 C(I/I47BK9J?=>N?)=H16-Y OGDGR4.YNJQ<4SGFZ4IAOW J=0UIRUEA 6#MI7E1+ P04 M=""AAQ9VQ72.X K @<0+L0IU8IR:WIS+W+OG&ULS9+ MZLP0\$(=717)OITEE#XZ;&B*)07!!1:2V+U@X(DI-WVMZVZ7407P&-F? OGF M&YC,&EBQN<=<\$V9R6&Y&WXMM23XDPP-TTW3.Q@?>.A M#PBB.3:@D.35I&\$S&SFDE,M59(TU&33&7=-L-/29"P5F#6"/@.5X&4'IN.) MZ33V5P!XPX+=0+L2E^J?V*4#)#P\$W:9-K>W>]>F">M'TXX[C8'2]:C6S:]GUA]]5V\$?KJNX? M&U(\$50) D]] 5!+ P04 ""AAQ9F5R<DO>C<P<P \$P 'AL+W1H M9UE+WIH9UEU.2YX;6SM6EMSVCA?> N'OTAG]FT+CQ:IMKO3621A"- 1580RY8(Y)-NIL("SI"Y61 ^7 '[GS]BYBZ:(E)X M8-DQV][MR >X%#BVR];+ M41B1#G@<M MNNO1,+5#3(PB=AI4)!PI'DQE]&+>+3&!K<@>WWVO@<C(WXVJ(ZMOFCU M4V5M)VHX3\$<KXIOGYGL/I:14;1JE6W".7614'EUC7->HUZ+>76>]>V< M/IT3\$LV4?P!AI@<S M&L&'&KKQM&AVC2/K'?> D->OHACA-FNVB<5@>Y?>PTGIZ(+>+9OVX75,VPLSO=U!=Y'FY I0,C0 MHYH1';VS5FJ]J].@HQC:D<NSZ> HWEL:'4Z*>P' T=HWPFJOV L M YRZY[SZ7ON20]H=W-R-9J3BUO>1FY,Q/N=N,K7-"XH8U=RTSOL50L<2'R JVE+UJCA' M]+>=>S<RPP[9SR2;9WHU!TU _9=NOCI33JET.X&D?> VVZG=PZ,JZBD;M MTU0/>VYZ<5X&N(YV02Y9A7;>? 8T=[Y1(L/Y0)=QXRCH8-NHS;8# MAWEI7RAGE+90-LIM;PD+>S-W8+CT2P4X&1+>.; @Z1 Q0256 Q68#Y*B M2\$R,1>APPY= <7-I/DN;/IF6U;JI=QEM(EFPF8V)?>KRMYLE<%5<156 ^P MOFFH]M1.S Y9KF4Q9Z;RWRT,"ZQ,BD2XDU!=7GFVRN>BJV'I=W MP6#N 7#]1P E..=?]U#KG[VW>[Z,I,[2\$R<><<41 71% 5.86'S&D4.2 MD 83 >LX=SPFXJPDL6XC&ODRWSEPVSK> U[F MSrQO#I!?!?8Q]<I!&K8KZZKT Y9P[M'OQ'2"];./!:=X QU#M:160K3]+ MW/P>D9CC%OT-%&'MIK&MQMHQ#F 6/,H68WXW=>FAHSUBNL8TY;T5 M0.4 VJ0--8RI15XQF;8VH<1'.CS< N-L,+SCN'MB[L4\$Z!#!0 (M />S%;FT9%BEKP8 HG H >@>PO=VJR-WHG6ST&LM MM9IK;JLV(% '<S-MOP? &L43ZECQD+C&J/QJ/STASHUPWPAAT+602/8JRDW< MOTTFVV Z4(QW2V-V) JYG+X-B36JIOR4(39ZC.\$!)@NMVEVJ<0<1/B;<G MQW(I8OAF+5-E7\$RJUZRS1+[65 4JJBZC<"L1#+>Y#Z2=ZKDOSHUR?=>S.YL9J<2KOD90512PDILZRT5'+>." 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