





compensations. All intercompany transactions and balances have been eliminated upon consolidation. 9 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 A. 2. SIGNIFICANT ACCOUNTING POLICIES** - continued Going concern The 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 A. 7 A. "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. 10 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 A. 2. SIGNIFICANT ACCOUNTING POLICIES** - continued Going concern - continued These 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 Company Pursuant 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. 11 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 A. 2. SIGNIFICANT ACCOUNTING POLICIES** - continued 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 10,034A 135,145A 38,556A U.S. 2,643A 182A 5,864A 2,183A Total \$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 A. A 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. 12 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 A. 2. SIGNIFICANT ACCOUNTING POLICIES** - continued 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 \$473 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 A. 14 A. "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. 13 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 A. 2. SIGNIFICANT ACCOUNTING POLICIES** - continued 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 do not expect a material impact to the consolidated financial statements. 14 Table of Contents **NOTE A. 3. ACCOUNTS RECEIVABLE** Accounts receivable consisted of the following: September 30, 2024 December 31, 2023 Accounts receivable \$125,371A \$143,288A Allowance for credit losses (3,832)(4,571) Accounts receivable, net \$121,539A \$138,717A 14 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 A. 3. ACCOUNTS RECEIVABLE** - continued Movement of allowance for credit losses was as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Balance at beginning of the period \$4,679A \$3,468A \$4,571A \$4,407A Reversal of expenses (992)(206)(237)(1,038) Write off (2) A. (531)(661) Recoveries of credit losses A. A. A. A. Exchange difference (17A) (29A) (182) Balance at end of the period \$3,832A \$3,242A \$3,832A \$3,242A NOTE A. 4. INVENTORIES, NET Inventories consisted of the following: September 30, 2024 December 31, 2023 Work in process \$102,443A \$86,379A Raw materials 36,704A 35,867A Finished goods 18,622A 27,503A Total \$157,769A \$149,749A Write-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 A. 5. ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES September 30, 2024 December 31, 2023 Product warranty, current \$8,151A \$13,738A Payables for purchase of property, plant and equipment 54,318A 96,350A Other current liabilities 18,112A 14,312A Accrued payroll and welfare 4,455A 8,089A Accrued expenses 6,118A 6,224A Interest payable 1,429A 41A Other tax payable 8,415A 7,171A Operating lease liabilities, current 3,214A 2,413A Total \$104,202A \$148,284A 15 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 A. 6. PRODUCT WARRANTY** Movement of product warranty was as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2024 2023 Balance at beginning of the period \$34,184A \$37,108A \$35,217A \$42,060A Provided during the period \$404A 3,567A 10,353A 9,017A Utilized during the period (3,970)(7,125)(10,516)(15,635) Exchange difference 1,216A (202)400A (2,094) Balance at end of the period \$35,454A \$33,348A \$35,454A \$33,217A NOTE A. 7. BANK BORROWINGS On 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 various covenants, including financial covenants, operational covenants, and other restrictive provisions. The Group is currently assessing the impact of this guidance, however, the Company do not expect a material impact to the consolidated financial statements.

September 30, 2024, the Group had outstanding borrowings of \$75,115 under the 2022 Facility Agreement. Repayment Date: December 10, 2024. Repayment Amount: \$10,859 (RMB76.2 million). June 10, 2025: \$10,859 (RMB76.2 million). December 10, 2025: \$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 A 7. BANK BORROWINGS - continued: Changes in bank borrowings are as follows: A Three Months Ended September 30, Nine Months Ended September 30, 2024: \$20,232,202,202,3 Beginning balance: \$94,237A \$49,146A \$79,153A \$46,395A Proceeds from bank borrowings: \$29,911A 9,207A 70,373A 18,439A Repayments of principal: \$8,375(2,347)(31,824)(6,286) Exchange difference: \$3,801A (349)1,872A (2,891) Ending balance: \$119,574A \$55,657A \$119,574A \$55,657A Balance of bank borrowings includes: September 30, 2024 December 31, 2023 Current: \$66,177A \$35,392A Non-current: \$3,397A 43,761A Total: \$119,574A \$79,153A 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: \$121,302A \$124,565A Machinery and equipment: \$65,091A a6A Land use rights: \$11,902A \$11,984A Construction in progress: \$48A a6A Totals: \$198,643A \$136,549A NOTE A 8. OTHER NON-CURRENT LIABILITIES - September 30, 2024 December 31, 2023: Product warranty - non-current: \$27,303A \$21,479A Deferred subsidies income - non-current: \$6,093A 3,382A Other non-current payable: \$5,090A a6A Total: \$38,486A \$24,861A NOTE A 9. BONDS PAYABLE - September 30, 2024 December 31, 2023: Long-term bonds payable: A Huzhou Saiyuan: \$43,157A \$43,157A 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 A 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 A 10. WARRANTS: The Company assumed 27,600,000 publicly-traded warrants (a6e Public Warrants a6e) and 837,000 private placement warrants issued to Tuscan Holdings Acquisition LLC (the a6e Sponsor a6e) and EarlyBird Capital, Inc. (a6e EarlyBird Capital a6e) (a6e Private Warrants a6e) and together with the Public Warrants, the a6e Warrants a6e) upon the Business Combination, all of which were issued in connection with Tuscan a6e'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 a6e'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 became exercisable, the Company may redeem the Public Warrants: a6c in whole and not in part; a6c at a price of a6e \$0.01 per warrant; a6c upon not less than 30 days a6c prior written notice of redemption; a6c if, and only if, the reported last sale price of the Company a6e'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 a6c 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 A 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 a6e's option, and be non-redemable 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 EarlyBird Capital 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 a6e'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 a6e'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 A 14A a6A 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 A 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 a6e's redemption option at the earliest possible date. See Note A 10A a6A 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 A 14A a6A 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 a6e'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: \$63,585A a6A \$63,585A Restricted cash: 51,382A a6A \$1,51A Total financial asset: \$114,967A a6A \$1,51A Warrant liability: a6A \$1A a6A \$1A Convertible loan with shareholder measured at fair value: a6A \$24,423A 24,423A Total financial liability: a6A \$24,424A \$24,424A 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: \$44,541A a6A \$44,541A Restricted cash: 43,648A a6A \$1,51A Total financial asset: \$88,189A a6A \$1,51A Warrant liability: a6A \$67A a6A \$67A Total financial liability: a6A \$67A a6A \$67A 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 A 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: \$67A \$126A Changes in fair value: (66)25A Balance at end of the period: \$1A \$151A 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: a6A Issuance of convertible loan with shareholder: 25,944A Interest paid during the period: (347) Changes in fair value: (1,174) Balance at end of the period: \$24,423A Measured or disclosed at fair value on a nonrecurring basis: 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 A 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, 2024 was \$883 and \$2,602, which excluded cost of short-term contracts. Short-term lease cost for the three and nine months ended September 30, 2024 was \$79 and \$383, respectively. As of September 30, 2024, the weighted average remaining lease term was 9.3 years and weighted average discount rate was 5.2% for the Group's operating leases. 21 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 A 12. LEASES - continued: Supplemental cash flow information of the leases were as follows: Nine months ended September 30, 2024: Cash payments for operating leases: \$2,518A Right-of-use assets obtained in exchange for new operating lease liabilities: \$2,258A The following is a maturity analysis of the annual undiscounted cash flows for lease liabilities as of September 30, 2024: As of September 30, 2024: Three months period ending December 31, 2024: \$1,347A 2025: \$3,781A 2026: \$2,917A 2027: \$2,458A 2028: \$1,873A 2029: \$1,681A Thereafter: \$10,227A Total future lease payments: \$24,284A Less: Imputed interest: \$4,744A Present value of operating lease liabilities: \$19,540A NOTE A 13. SHARE-BASED PAYMENT: On July 21, 2021, the Company adopted the 2021 Equity Incentive Plan (the a6e 2021 Plan a6e), 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 a6e 2012 Plan a6e) 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 a6e's terms. 22 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 A 13. SHARE-BASED PAYMENT - continued: Stock options: On 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 a6e modification a6A as a Type III (improbable-to-probable) A modification, which represents the a6e modification a6A of the award that was not expected to vest under the original vesting conditions at the date of the a6e modification. The Company recognized compensation cost equal to the modified award a6e's fair value at the date of the a6e 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, 2024: Exercise price: \$5.69A Expected terms (years): 1.25 Volatility: 85.66A Risk-free interest rate: 5.00A 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. 23 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 A 13. SHARE-BASED PAYMENT - continued: Stock options: activity for the nine months ended September 30, 2024 and 2023 was as follows: Stock options life: Number of Shares: Weighted Average Exercise Price (U.S.\$) Weighted Average Grant Date Fair Value (U.S.\$) Weighted Average Remaining Contractual Life: Outstanding as of December 31, 2023: 32,876,682A 6.01A 4.73A 5.7 Forfeited: (1,521,350)4.60A 3.18A Outstanding as of September 30, 2024: 31,355,332A 6.08A 4.80A 5.0 Expected as of September 30, 2024: 31,355,332A 6.08A 4.80A 5.0 Expected to vest and exercisable as of September 30, 2024: 31,355,332A 6.08A 4.80A 5.0 Expected as of September 30, 2024: 31,355,332A 6.08A 4.80A 5.0 Outstanding as of September 30, 2024: 31,355,332A 6.08A 4.80A 5.0 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 31,265,332A 6.08A 4.80A 5.0 Expected as of September 30, 2024: 31,265,332A 6.08A 4.80A 5.0 Expected to vest and exercisable as of September 30, 2024: 31,265,332A 6.08A 4.80A 5.0 Expected as of September 30, 2024: 31,265,332A 6.08A 4.80A 5.0 Outstanding as of September 30, 2024: 31,265,332A 6.08A 4.80A 5.0 Forfeited: (888,665)6.14A 4.89A 5.1 Outstanding as of December 31, 2022: 32,236,091,071A 6.08A 4.80A 6.8 Grant: \$60,000A 1.77A 1.18A Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 31,233,835,365A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 31,233,835,365A 6.03A 4.76A 5.6 Exercisable as of September 30, 2024: 31,233,835,365A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 31,233,835,365A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 31,233,835,365A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 31,148,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 31,148,000A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 31,148,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 31,148,000A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 31,148,000A 6.03A 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2024: 30,382,200A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 30,286,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,286,400A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 30,286,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,286,400A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 30,286,400A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 30,190,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,190,600A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 30,190,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,190,600A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 30,190,600A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 30,094,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,094,800A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 30,094,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,094,800A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 30,094,800A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 30,009,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,009,000A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 30,009,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 30,009,000A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 30,009,000A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,913,200A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,913,200A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,913,200A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,913,200A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,913,200A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,817,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,817,400A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,817,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,817,400A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,817,400A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,721,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,721,600A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,721,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,721,600A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,721,600A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,625,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,625,800A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,625,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,625,800A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,625,800A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,530,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,530,000A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,530,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,530,000A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,530,000A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,434,200A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,434,200A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,434,200A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,434,200A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,434,200A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,338,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,338,400A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,338,400A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,338,400A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,338,400A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,242,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,242,600A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,242,600A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,242,600A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,242,600A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,146,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,146,800A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,146,800A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,146,800A 6.03A 4.76A 5.6 Outstanding as of September 30, 2024: 29,146,800A 6.03A 4.76A 5.6 Forfeited: (895,706)5.02A 3.64A Outstanding as of September 30, 2024: 29,051,000A 6.03A 4.76A 5.6 Expected as of September 30, 2024: 29,051,000A 6.03A 4.76A 5.6 Expected to vest and exercisable as of September 30, 2024: 29,051,0

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 RSUs 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, 2023, 665,014 A 2.29 A Vested (6,665,014) A 2.29 A Outstanding as of September 30, 2024 A A A Outstanding as of December 31, 2022, 13,444,469 A 2.38 A Vested (6,722,228) A 2.47 A Outstanding as of September 30, 2023, 20,367,722,241 A 2.29 A There is no unrecognized equity-based compensation costs as of September 30, 2024 related to the RSUs. Restricted Stock Units Following the Business Combination, the Company granted 2,721,624 restricted stock units (a e e RSUs a e) and 2,680,372 performance-based restricted stock units (a e e PSUs a e) 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 per Share (U.S.\$) Outstanding as of December 31, 2023, 598,606 A 3.07 A Vested (503,505) A 2.65 A Forfeited (777,206) A 4.29 A Outstanding as of September 30, 2024, 2,397,804 A 2.71 A Outstanding as of December 31, 2022, 837 A 6.92 A Vested (496,586) A 3.39 A Forfeited (103,424) A 4.59 A Outstanding as of September 30, 2023, 9,774,460 A 3.17 A 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, 2024 Cost of revenues \$771 A \$1,530 A \$3,390 A \$4,559 A General and administrative expenses \$344 A 935 A 1,805 A 3,391 A Construction in process \$8 A 140 A 22 A 429 A Totals \$6,309 A \$16,002 A \$30,311 A \$52,070 A 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 A Exercise price \$0.50 A Expected term (years) 1.16 Volatility 55.50 A % Risk-free interest rate 3.85 A % Dividend rate 0.00 A % 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, Nine Months Ended September 30, 2024 2023 2024 2023 Numerator: Net profit/(loss) attributable to common stock shareholders - Basic \$13,247 A (\$26,130) A (\$90,019) A (\$81,800) Changes in fair value of convertible loan (2,764) A A A A Net profit/(loss) attributable to common stock shareholders - Dilutive \$10,483 A (\$26,130) A (\$90,019) A (\$81,800) Denominator: A Weighted average common stock used in computing basic net profit/(loss) per share 320,545,388 A 313,108,457 A 317,153,113 A 309,541,499 A Weighted average effect of dilutive stocks: Add: Diluted effect of shares issuable upon exercise of non-vested shares 1,048,846 A A A A A Diluted effect of shares issuable upon exercise of Capped non-vested shares 1,654,338 A A A A A Diluted effect of shares issuable upon convert of convertible loan 43,782,609 A A A A A Weighted average stock used in computing diluted net profit/(loss) per share 367,031,181 A 313,108,457 A 317,153,113 A 309,541,499 A Basic net profit/(loss) per share \$0.04 A \$0.08 A (\$0.28) A (\$0.26) Diluted net profit/(loss) per share \$0.03 A \$0.08 A (\$0.28) A (\$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, Nine Months Ended September 30, 2024 2023 2024 Shares issuable upon exercise of stock options 31,431,068 A 35,830,564 A 31,812,977 A 36,001,774 A Shares issuable upon vesting of non-vested shares 1,371,685 A 3,898,963 A 2,646,585 A 3,652,642 A Shares issuable upon vesting of Capped non-vested shares 8,343,220 A 4,950,938 A 11,662,166 A Shares issuable upon exercise of warrants 33,937,000 A 28,437,000 A 30,946,124 A 28,437,000 A Shares issuable upon vesting of Earn-out shares 4,999,997 A 19,999,988 A 14,963,495 A 19,999,988 A Shares issuable that may be subject to cancellation 1,687,500 A 1,687,500 A 1,687,500 A Shares issuable upon convert of convertible loan A A A A 17,678,832 A A A A NOTE 16. COMMITMENTS AND CONTINGENCIES Litigation Corporate Actions The directors of Company predecessor, Tuscan, have been named as defendants in a litigation filed in the Court of Chancery captioned Matt Jacob v. Stephen A. Vogel, et al., C.A. No. 2022-0600-PAF (Del. Ch.) (filed July 7, 2022). The plaintiff is seeking to certify the litigation as a stockholder class action. The complaint alleges that defendants breached their fiduciary duties in connection with Tuscan's acquisition of Microvast, Inc., including by making inadequate disclosures concerning the projected earnings of Microvast, Inc. The plaintiff further alleges that once the earnings of the combined company became public, the Company's stock dropped, causing losses to investors. Certain defendants have answered the complaint, and certain defendants have filed motions to dismiss, which are being argued on December 6, 2024. On December 13, 2023, in response to a stockholder litigation demand, the Company filed a petition in the Court of Chancery pursuant to Section 205 of the Delaware General Corporation Law seeking validation of an amendment to the Company's Amended Certificate of Incorporation, the Business Combination and the issuance of the shares issued pursuant thereto, and the Company's Second Amended and Restated Certificate of Incorporation adopted in connection with the Business Combination (collectively, the "Acts") to resolve any uncertainty with respect to those matters, which action was captioned in re Microvast Holdings Inc., C.A. No. 2023-1245-PAF. On March 18, 2024, the Court of Chancery granted the petition, validating and declaring effective each Act as of the time and date such Act was originally taken. The Company, the directors of Company predecessor, Tuscan, and certain former and current Company officers and directors have also been named as defendants in a litigation filed in the Court of Chancery captioned Denish Bhavsar v. Stephen Vogel, et al., Case No. 2024-0137-PAF (Del. Ch.) (filed Feb. 14, 2024). The plaintiff purports to assert derivative claims on behalf of the Company. The complaint alleges that the individual defendants breached their fiduciary duties in connection with Tuscan's acquisition of Microvast, Inc., including by making inadequate disclosures concerning Microvast, Inc.'s earnings and by refusing to investigate a litigation demand. On October 14, 2024, the Company and other defendants filed a motion to dismiss but the judge has not yet ruled on the motion. The Company has received additional demands from purported Company stockholders, requesting that the Company's Board of Directors investigate whether current and former directors and officers of the Company and its predecessors, Tuscan and Microvast Inc., breached their fiduciary duties by allegedly making material misrepresentations about *inter alia* (1) Microvast Inc.'s performance and financial health in connection with the merger between Tuscan and Microvast, Inc., and (2) the Company's loss of a conditional grant from the United States Department of Energy. The Company has responded to certain of the demands and is evaluating responses to others. The Company has also received and responded to a stockholder demand for books and records made pursuant to Section 220 of the Delaware General Corporation Law that purportedly seeks to investigate the loss of the DOE grant. Securities Litigation The Company and certain of its officers have also been named as defendants in a putative class action complaint by a shareholder of the Company in the U.S. District Court for the Southern District of Texas under the caption Schelling v. Microvast Holdings, Inc., Case No. 4:23-cv-04565 (S.D. Tex.) (filed Dec. 5, 2023) (the "Schelling Action"). The complaint alleges that defendants violated certain federal securities laws by making misleading statements regarding the receipt of a conditional grant from the United States Department of Energy, the Company's profitability, and the nature of Company-associated operations in China. On March 1, 2024, the court appointed Co-Lead Plaintiffs and Co-Lead Counsel for the proposed class of Company investors. Plaintiffs amended their complaint on May 13, 2024, and Defendants filed a motion to dismiss on June 20, 2024. Briefing on the motion to dismiss was completed on September 10, 2024. The Court has not ruled yet on the motion. The Company and certain of its officers and directors have also been named as defendants in three derivative actions filed in the Southern District of Texas under the captions Bhavsar v. Wu et al., No. 4:24-cv-00372 (S.D. Tex.) (filed Jan. 31, 2024), Marti et al. v. Wu et al., Case No. 4:24-cv-00633 (S.D. Tex.) (filed Feb. 23, 2024), Gidaro v. Wu et al., Case No. 4:24-cv-00828 (S.D. Tex.) (filed Mar. 6, 2024). The complaints allege that the officer and director defendants violated the federal securities laws by making inadequate disclosures substantially similar to those alleged in the Schelling Action. The complaints further allege that these inadequate disclosures resulted from, and constituted, breaches of the officer and director defendants' fiduciary duties. On February 24, 2024, the court entered in an order in the first-filed case, Bhavsar v. Wu et al., No. 4:24-cv-00372, consolidating the Bhavsar case and Marti et al. v. Wu et al., Case No. 4:24-cv-00633. The consolidated derivative litigation (the "Consolidated Derivative Action") is captioned in re Microvast Holdings, Inc. Derivative Litigation, Lead Case No. 4:24-cv-00372 (S.D. Tex.). The parties in the Gidaro action filed a stipulation to consolidate the Gidaro case into the Consolidated Derivative Action. The Consolidated Derivative Action is stayed pending disposition of an anticipated motion to dismiss in the Schelling Action. 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 16. COMMITMENTS AND CONTINGENCIES - continued Pursuant to the Company's governing documents and indemnification agreements entered into by the Company with certain of the named defendants, in the above-described actions, the Company has indemnified those defendants for all expenses and losses related to the litigation subject to the terms of those indemnification agreements. While the lawsuits are being vigorously defended, other reported lawsuits of this type have resulted in a broad range of outcomes, with each case being dependent on its own unique set of facts and circumstances. Litigation of this kind can lead to settlement negotiations, including negotiations prompted by pre-trial civil court procedures. 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, which could be material, cannot be reasonably estimated at this time. Litigation-continued Other Matters The Company and Microvast Energy, Inc. (a e e Microvast Energy a e), a subsidiary of the Company, have been named as defendants in a litigation filed in the Chancery Court for the State of Tennessee under the caption Stoncor Group, Inc. v. Microvast, Inc., et al., Case No. CD-24-12 (Tenn. Ch.) (filed Mar. 18, 2024). The plaintiff alleges that the Company failed to pay it for construction work that it performed on a Microvast facility in Tennessee, and seeks damages of \$1,251, plus certain fees and expenses, and foreclosure on the facility to satisfy the payment allegedly owed. Deidra Milan is an ex-employee of Microvast, and is the putative representative of a class of more than 100 individual employees who were let go from their jobs at a plant in Clarksville, Tennessee. She has filed Civil Action No. 3:24-cv-00627, Deidra Milan, Plaintiff v. Microvast, Inc. and Microvast Holdings, Inc. in the US District Court for the Middle District of Tennessee. The Company filed an answer to the suit on July 19, 2024. The Class Action Complaint is brought under the Worker Adjustment and Notification Act, 29 U.S.C. A A A 2101-2109 (the "WARN Act"), which requires advance notice before certain types of plant closings and mass layoffs. Plaintiff alleges that Defendants failed to give proper advance notice of a mass layoff in violation of the WARN Act. Plaintiffs seek backpay, medical expenses, attorney's fees and statutory penalties in an unspecified amount. Microvast, Inc., a subsidiary of the Company, has been named as a defendant in a contract dispute litigation filed in Montgomery County Chancery Court for the State of Tennessee under the caption DPR Construction, GP vs. Microvast, Inc., et al., Case No. CD-24-31 (Tenn. Ch.) (filed June 20, 2024). The Plaintiff alleges that the Company failed to pay it for construction work that is performed on a Microvast facility in Tennessee, and seeks damages of \$19,950 in progress billings, the additional sum of \$1,566 being held as retainerage on Plaintiff's progress billings under the contract, lost profits on the work yet to be performed under the contract plus certain fees and expenses, and foreclosure on the facility to satisfy the payment allegedly owed. The Parties entered into a settlement agreement and this matter has been stayed by order of the court. Microvast, Inc. has been named as a defendant in a contract dispute litigation filed in Montgomery County Chancery Court for the State of Tennessee under the caption Faith Technologies, Inc. Microvast, Inc. et al., Case No. CD-24-36 (Tenn. Ch.) (filed on July 15, 2024). Plaintiff asserts claims for damages related to its subcontract with DPR Construction, GP under which Plaintiff provided fire protection system services on a Microvast facility in Tennessee, and seeks damages of \$1,699 plus cost of court and attorneys and prejudgment interest. Microvast, Inc. has been named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Bernhard MCC v. Hodess Cleanroom Construction, LLC, Hodess Construction Corporation, Microvast, Inc., and The Industrial Development Board of the County of Montgomery, Case No. CD-24-26 (Tenn. Ch.) (filed on May 28, 2024) brought by a subcontractor on the Microvast facility in Tennessee for lien enforcement

of \$2,173. On October 10, 2024, this case was dismissed with prejudice. Microvast, Inc. was named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Bernhard MCC, LLC, vs. U.S. Engineering Innovations, LLC, DPR Construction, Microvast, Inc. and the Industrial Development Board of the County of Montgomery, Case No. CD-24-27 (Tenn. Ch.) (filed on May 28, 2024) brought by a subcontractor on the Microvast Facility in Tennessee for lien enforcement of \$5,681. The Parties entered into a settlement agreement and this matter has been stayed by order of the court. 31 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 A 16. COMMITMENTS AND CONTINGENCIES** - continued Microvast, Inc. was named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Virginia Transformer Corp. v. Microvast, Inc. and the Industrial Development Board of the County of Montgomery, Tennessee, Case No. RE-24-32 (Tenn. Ch.) (filed on July 01, 2024) brought by a prime contractor on the Microvast Facility in Tennessee for lien enforcement of \$1,769. The Parties entered into a settlement agreement and a motion to stay will be filed with the court. **Litigation-continued** **Other Matters-continued** The Group is also involved in other litigation, claims, and proceedings. The Group evaluates the status of each legal matter and assesses the potential financial exposure. If the potential loss from any legal proceedings or litigation is considered probable and the amount can be reasonably estimated, the Group accrues a liability for the estimated loss. Significant judgment is required to determine the probability of a loss and whether the amount of the loss is reasonably estimated. As of September 30, 2024 and December 31, 2023, based on the information currently available, the Group believes that any loss contingencies that may arise as a result of currently pending legal proceedings cannot be accurately quantified at this time and thus cannot determine whether they will have a material adverse effect on the Group's business, results of operations, financial condition, and cash flows. Capital commitments Capital commitments for construction of property and purchase of property, plant and equipment were \$42,074 as of September 30, 2024. Purchase Commitments Purchase commitments for non-cancellable contractual obligations primarily related to purchases of inventory were \$52,262 as of September 30, 2024. Pledged assets Other than those disclosed in Note 7, the Group may pledge certain assets to banks to secure the issuance of bank acceptance notes for the Group. As of September 30, 2024, notes receivable from customers in the amount of \$4,299, together with certain of our machinery and equipment with a carrying value of \$25,729 has been pledged to secure the issuance of such notes. Liens As of September 30, 2024, the Company had received \$35,656 of liens. 32 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 A 17. SUBSEQUENT EVENTS** Subsequent funding activities From third quarter end to the date of issuance of the financial statements in this Report, the Company received \$3,297 of short-term bank borrowings and \$6,665 of long-term bank borrowings. Subsequent settlement agreements with creditors Subsequent to September 30, 2024, and up to the issuance date of these financial statements, the Group has entered into several settlement agreements with certain suppliers with payables totaling approximately \$4,346 as of September 30, 2024. Under these agreements, the group has received concessions that forgive certain contractually owed amounts and allow for deferred payment schedules. Through these settlements, a total payable concession of approximately \$1,036 was achieved, resulting in a net settlement of \$3,310. The remaining balances will generally be paid in monthly installments over the next twelve months. The Group is currently assessing the accounting impact of these settlements. 33 Table of Contents **item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations** References in this Report to the **the Company**, **we**, **Microvast Holdings, Inc.**, **Microvast**, **we**, **our**, **we**, **us** or **we** refer to Microvast Holdings, Inc. The following discussion and analysis of the Company's financial condition and results of operations should be read in conjunction with the unaudited interim condensed financial statements and the notes thereto contained elsewhere in this report. Certain information contained in the discussion and analysis set forth below includes forward-looking statements that involve risks and uncertainties. **Business** Microvast Holdings, Inc., an advanced battery technology company, is headquartered in Stafford, Texas, and publicly traded on the NASDAQ. We specialize in the design, development, and manufacturing of high-performance lithium-ion battery systems and components, primarily for electric commercial vehicles ("EVs") and utility-scale energy storage systems ("ESS"). Since our inception in 2006, our mission has been to drive the transition to clean energy by accelerating the adoption of electric vehicles and renewable energy solutions through innovative battery technology. Our company was founded on the principle of true innovation in battery design, eschewing legacy technologies and embracing a fresh, pioneering approach to lithium-ion battery development. This ethos distinguishes Microvast from competitors who have adapted existing battery technologies to new markets, such as electric vehicles. We focus on ground-up innovation to address the specific needs of these evolving sectors. Microvast has a fully vertically integrated approach to battery development, allowing us to control every aspect of the production process, from cell materials (cathode, anode, electrolyte, separator) to system cooling and proprietary software controls. This capability enables us to innovate across the entire battery system, improving efficiency, energy density, charging speed, and safety, which are critical for commercial EVs and energy storage systems. Our flagship product is the 53.5Ah high-energy nickel manganese cobalt (NMC) battery cell, which is designed specifically for electric vehicles. The 53.5Ah cell combines fast charging capabilities, high energy density, and long cycle life, making it an ideal solution for demanding commercial applications. To bring this product to market, we have made significant investments in our fully automated production facilities in Huzhou, China, which now supports large-scale production of the 53.5Ah cell. Since the launch of our first ultra-fast charging battery system in 2009, we have delivered approximately 5,576.4 megawatt hours (MWh) of battery systems for electric vehicles. For the quarter ended September 30, 2024, we reported a 27% increase in revenue, reaching \$101.4 million compared to \$80.1 million in the same period in 2023. Our order backlog as of September 30, 2024, stands at \$277.7 million for EV battery systems, representing approximately 1,144.1 MWh, with over 58% of these orders attributable to Europe and U.S. markets. We expect to fulfill a majority of our electric vehicle battery backlog within 2024 and 2025. Looking forward, Microvast aims to expand its focus on ESS to capitalize on the growing demand for renewable energy solutions. We are committed to becoming a global leader in the ESS market, recognizing that electric vehicles are only as green as the energy that powers them. Addressing this relationship between clean energy and electrification is at the core of our research and development strategy and will shape our future growth. We originally intended to produce 53.5Ah cells from our Clarksville, Tennessee facility for our ESS and EV products and had made significant investments in our capacity expansion there. However, due to market demand, regulation policies, and our competitors lowering their selling prices, we believe lithium iron phosphate (LFP) cells are a better battery fit for our ESS solutions and intend to produce LFP cells from our Tennessee facility instead of 53.5Ah cells. As such, we expect that all of our production of 53.5Ah cells will be from our facilities in China, and in the United States we will focus on LFP production for our energy storage solutions to customers worldwide. We believe this strategic shift towards LFP technology in the U.S. leverages cost benefits, safety features, regulatory compliance, and lower environmental impact for the following reasons: **Production and Application Suitability**. While NMC batteries provide high energy density and performance suitable for electric vehicles, we believe these characteristics are less critical for energy storage systems. LFP batteries, in contrast, offer performance parameters that align well with ESS requirements due to their stability and durability over longer discharge periods. **Cost Efficiency and Resource Utilization**. LFP batteries are generally 20-40% less expensive per kilowatt-hour compared to NMC batteries. We believe this cost advantage, coupled with the reduced reliance on scarce minerals such as cobalt, makes LFP an economically and environmentally preferable choice for ESS. The extended lifecycle of our LFP 34 Table of Contents batteries enhances their cost-effectiveness over prolonged operational durations, presenting a compelling value proposition for large-scale energy storage applications. **Reliability Enhancements**. LFP batteries demonstrate better structural stability and higher thermal thresholds, reducing risks associated with overheating and thermal runaway. Our proprietary technology, which incorporates nitrogen protection systems within our ESS containers, further enhances the reliability profile of our ESS solutions, demonstrating our dedication to risk mitigation in the energy storage sector. **Tax Incentives**. Our domestically produced LFP batteries and energy storage containers are expected to qualify with U.S. domestic content requirements and qualify for the Inflation Reduction Act Section 45X energy efficiency incentives, thereby enhancing the economic viability of our ESS solutions. **Environmental Impact**. LFP batteries do not contain cobalt, which is often associated with significant environmental degradation and ethical concerns related to its mining practices. This attribute underscores our commitment to environmental sustainability and positions LFP batteries as a more eco-friendly option in the energy storage market. While we believe these advantages make LFP batteries better suited for meeting the current and future demands of our ESS solutions, we are in the early stages of exploring this new product which is currently in the pilot stage in China. We can provide no assurance as to whether and when our LFP product will become available, when our Clarksville, Tennessee facility will be completed, or if our LFP batteries will ever be marketable. The lithium-based battery market is highly competitive and there can be no assurance that the use of our LFP product or ESS solutions will gain market acceptance. Additionally, we might encounter practical difficulties and may incur additional costs during the scale-up of our LFP operations. Completion of the Business Combination On July 23, 2021, Microvast Holdings, Inc. (formerly known as Tuscan Holdings Corp.) consummated the previously announced acquisition of Microvast, Inc., a Delaware corporation, pursuant to the Agreement and Plan of Merger dated February 1, 2021, between Tuscan, Microvast and TSCN Merger Sub Inc., a Delaware corporation, pursuant to which Merger Sub merged with and into Microvast, with Microvast surviving the merger. Going Concern In accordance with Accounting Standards Codification ("ASC") Topic 205-40, Going Concern, we evaluate whether there are certain conditions and events, considered in the aggregate, that raise substantial doubt about our ability to continue as a going concern. This evaluation includes considerations related to our liquidity resource. Given the uncertainties around our liquidity as described in Note 2 to the unaudited condensed consolidated financial statements of this Quarterly Report and in this Management's Discussion and Analysis of Financial Condition and Results of Operations, we have concluded that there is substantial doubt about our ability to continue as a going concern for at least one year from the date of issuance of the unaudited consolidated financial statements included elsewhere in this Quarterly Report. For more information, see Note 2 to the unaudited consolidated financial statements of this Quarterly Report and the risk factors in our Annual Report on Form 10-K for the year ended December 31, 2023 "There is substantial doubt regarding our ability to continue as a going concern". "We may be unable to meet our current capital requirements and will require additional capital to meet our outstanding accounts payable and current liabilities". **Key Factors Affecting Our Performance** We believe that our future success will be dependent on several factors, including those discussed below. While these areas represent opportunities for us, they also represent challenges and risks that we must successfully address in order to continue the growth of our business and improve our results of operations. **Technology and Product Innovation** Our financial performance is driven by development and sales of new products with innovative technology. Our ability to develop innovative technology has been and will continue to be dependent on our dedicated research team. As part of our efforts to develop innovative technology, in October 2021, we expanded our R&D footprint in the U.S. We also plan to continue leveraging our knowledge base in our overseas locations, including China and to continue expanding our R&D efforts on a global basis. We expect our results of operations will continue to be impacted by our ability to develop new products with improved performance and reduced ownership cost, as well as the cost of our R&D efforts. 35 Table of Contents **Market Demand** Our revenue and profitability depend substantially on the demand for battery systems and battery components, which is driven by the growth of the commercial and passenger electric vehicle and energy storage markets. Many factors contribute to the development of the electric vehicle and battery energy storage sector, including product innovation, general economic and political conditions, environmental concerns, energy demand, government support and economic incentives (e.g., the Inflation Reduction Act in the U.S. and the E.U. Green Deal, E.U. Fit for 55). While governmental economic incentives and mandates can drive market demand for the markets in which we operate and, as a result, battery systems and components, governmental economic incentives can always be gradually reduced or eliminated. Any reduction or elimination of governmental economic incentives may result in reduced demand for our products and adversely affect our financial performance. **Manufacturing Capacity** Our growth depends on being able to meet anticipated demand for our products. As of September 30, 2024, we had a backlog of approximately \$277.7 million for our electric vehicles battery systems, equivalent to approximately 1,144.1 MWh. To increase our manufacturing output, address our backlog and capture growing market opportunities, we have made significant investment in capacity expansions in both Huzhou, China and Tennessee, United States. In the third quarter of 2023, we successfully completed the 2 GWh cell, module and tray capacity expansion for our 53.5Ah cell technology in Huzhou, China which is now in operation and generating revenue from sales of electric battery systems. The Tennessee expansion was originally scheduled to be completed in the fourth quarter of 2023 and was intended for production of 53.5Ah cells for our ESS solutions. However, we believe LFP cells are a better battery fit for our ESS solutions and intend to produce LFP cells from the Tennessee facility instead of 53.5Ah cells. As such, we expect that all our production of 53.5Ah cells will be from our facilities in China, and in the United States we will focus on LFP production for our energy storage solutions to customers worldwide. Additionally, our ESS products previously assembled in Colorado are now planned to be assembled at our Tennessee facility. In order to complete the Tennessee expansion, we need to secure financing to meet the remaining capital expenditure needs, and the timing of when this project will be in operation remains uncertain. We are in the process of evaluating the amount of capital expenditures needed to complete the Tennessee expansion in light of the intended production shift from NMC cells to LFP cells. Future capacity expansions will require significant capital expenditures and will require a corresponding expansion of our supporting infrastructure, further development of our sales and marketing team, an expansion of our customer base and strengthened quality control. This capacity expansion will be carried out in a measured manner based on our ongoing assessment of medium- and long-term demand for our solutions. **Sales Geographic Mix** After initially being focused on the Asia & Pacific regions, we have expanded and continue to expand our presence and product promotion to Europe and the U.S. to capitalize on the rapidly growing electric vehicle and battery energy storage markets in those geographies. As we continue to expand our geographic focus to Europe and the U.S., we believe sales of our products in Europe and the U.S. will have the potential to generate higher gross margins because average sales prices for customers in Europe and the U.S. are typically significantly higher than the average sales prices in China. It has been our experience that buyers in Europe and the U.S. are more motivated by the technologies and quality of our products than are buyers in China, making them less sensitive to the price of our products than are similarly situated buyers in China where we are also faced with intense competition from local Chinese battery manufacturers. Therefore, the geographic sources of our revenue will have an impact on our revenue and gross margins. **Manufacturing Costs** Our profitability may also be affected by our ability to effectively manage our manufacturing costs. Our manufacturing costs are affected by fluctuations in the price of raw materials. If raw material prices increase, we will have to offset these higher costs either through price increases to our customers or through productivity improvements. Our ability to control our raw materials costs is also dependent on our ability to negotiate with our suppliers for a better price and our ability to source raw materials from reliable suppliers in a cost-efficient manner. In addition, we expect that an increase in our sales volume will enable us to lower our manufacturing costs through economies of scale. 36 Table of Contents **Regulatory Landscape** We operate in an industry that is subject to many established environmental regulations, which have generally become more stringent over time, particularly with respect to hazardous waste generation and disposal and pollution control. These regulations affect the cost of our products and our gross margins. We are also affected by regulations in our target markets, such as economic incentives to purchasers of electric vehicles, tax credits for electric vehicle manufacturers or developers of renewable energy projects, and economic penalties that may apply to a car manufacturer based on its fleet-wide emissions or more generally legislation aimed at reducing GHGs. Each of these regulations may expand the market size for both electric vehicles and energy storage, which would, in turn, benefit us. We have operations and sales in China, the Asia & Pacific region, Europe and the U.S. and, as a result, changes in trade restrictions and tariffs could impact our ability to meet projected sales or margins. **Basis of Presentation** We currently conduct our business through one operating segment. Our historical results are reported in accordance with U.S. GAAP and in U.S. dollars. **Components of Results of Operations** **Revenues** We derive revenue from the sales of our electric battery products, including LpTO, LpCO, MpCO, HpCO and HnCo battery power systems. While we have historically marketed and sold our products primarily in China and the wider Asia-Pacific region, while we have historically marketed and sold our products primarily in China and the broader Asia-Pacific region, we are also expanding our international sales presence, with notable revenue growth in the EMEA (Europe, Middle East, and Africa) region. This expansion reflects increasing demand and positive growth trends in EMEA as we continue to broaden our global market reach. The following table sets forth a breakdown of our revenue by major geographic regions in which our customers are located, for the periods indicated: Three Months Ended September 30, 2024 2023 (In thousands) **Amt % People** The Republic of China ("PRC") \$28,716A 28A % \$36,289A 45A % Other Asia & Pacific countries 10,550A 10A % 24,611A 31A % Asia & Pacific 39,266A 38A % 60,900A 76A % Europe 59,479A 59A % 19,034A 24A % U.S. 2,643A 3A % 182A % Total \$101,388A 100A % \$80,116A 100A % Nine Months Ended September 30, 2024 2023 (In thousands) **Amt % People** The Republic of China ("PRC") \$89,190A 33A % \$115,023A 57A % Other Asia & Pacific countries 36,215A 14A % 46,280A 23A % Asia & Pacific 125,405A 47A % 161,303A 80A % Europe 135,145A 51A % 38,556A 19A % U.S. 5,864A 2A % 2,183A 1A % Total \$266,414A 100A % \$202,042A 100A % 37 Table of Contents We have historically derived a portion of our revenue in a given



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 Note 12A "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-cancellable contractual obligations primarily related to purchases of inventory. As of September 30, 2024, such purchase commitments, which do not qualify for recognition on our Unaudited Condensed Consolidated Balance Sheets, amount to \$52.3 million, most of which is short-term. There have not been any other material changes during the three and nine months ended September 30, 2024 to our contractual obligations included in our Annual Report on Form 10-K for the fiscal year ended December 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 46,635 12,153A Cash Flows from Operating Activities During the nine months ended September 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 \$135.2 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 \$48.5 million decrease in cash flows from operating assets and liabilities including \$27.3 million cash inflow due to the net decrease of accounts receivable and notes receivable, \$4.1 million increase in inventories, \$54.7 million cash outflow from accounts payable and notes payable, \$30.8 million cash outflow from accrued and other liabilities and prepaid expense and other current asset, and \$13.8 million cash inflow from other operating assets and liabilities. 45Table of Contents **Cash Flows from Investing Activities** During the nine months ended September 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 September 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 September 30, 2024, except for the impairment of long-lived assets illustrated in below paragraphs. For other discussion of these estimates and policies, see "Management's 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 December 31, 2023. In accordance with ASC 360, Property, Plant, and Equipment (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 \$0.4 million for the three months ended September 30, 2024 and 2023, respectively, in operating expenses. We recorded impairment loss of long-lived assets of \$64.9 million and \$0.5 million for the nine months ended September 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 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 September 30, 2024, including intercompany balances, would result in a foreign currency loss of \$15.6 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 \$0.5 million as of September 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 September 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 September 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 September 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 December 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 September 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 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) EarlyBirdCapital, 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 15(d)-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 15(d)-14(a), as adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. 31.3\*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: November 12, 2024 **MICROVAST HOLDINGS, INC.** By: /s/ Fariyal Khanbabi Name: Fariyal Khanbabi Title: Chief Financial Officer **51** EX-31.1 2 mvt20240930-ex311.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 2002 I, 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

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/ Yang WuName:Yang WuTitle:Chief Executive Officer and Director(Principal Executive Officer) EX-31.2 msvt20240930-ex312.htm EX-31.2 DocumentEXHIBIT 31.2CERTIFICATIONPURSUANT 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 2002, 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 msvt20240930-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 msvt20240930-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 msvt-20240930.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 00000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS (Parentheticals) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS link:presentationLink link:calculationLink link:definitionLink 9952155 - 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 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 - 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Disaggregation of Revenue (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - Contract Balances (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - Operating Leases (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - Impairment of long-lived assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - SIGNIFICANT ACCOUNTING POLICIES - Convertible loan with shareholder (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - ACCOUNTS RECEIVABLE - Schedule of Accounts Receivable (Details) link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - ACCOUNTS RECEIVABLE - Schedule of Allowance for Credit Losses (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - 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 - WARRANTS - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - WARRANTS - Schedule of Under the Binomial-Lattice Model (â€œBLMâ€) that Assumes Optimal Exercise of the Company's Redemption Option (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - Disclosure - FAIR VALUE MEASUREMENT - Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis (Details) link:presentationLink link:calculationLink link:definitionLink 9954509 - Disclosure - FAIR VALUE MEASUREMENT - Schedule of Reconciliation of the Beginning and Ending Balances for Level 3 Warrant Liability (Details) link:presentationLink link:calculationLink link:definitionLink 9954510 - Disclosure - LEASES - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954511 - Disclosure - LEASES - Supplemental Cash Flow Information Related to Leases (Details) link:presentationLink link:calculationLink link:definitionLink 9954512 - Disclosure - LEASES - Summary of the Annual Undiscounted Cash Flows for Lease Liabilities Maturity Analysis (Details) link:presentationLink link:calculationLink link:definitionLink 9954513 - Disclosure - SHARE-BASED PAYMENT - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink 9954514 - Disclosure - SHARE-BASED PAYMENT - Schedule of Fair Value Assumptions (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 Share 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 Computation 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 msvt-20240930.cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 8 msvt-20240930\_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 9 msvt-20240930\_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Warrant issued (in shares) Stock Issued During Period, Shares, Stock Splits Bond loan Bond 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 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 â€" 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 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 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 [Member] 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 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] 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 September 30, 2024 and December 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. Shareholders' 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: 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 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 [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€œ 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 [Member] Warrant Liability Issuance of warrants (Note 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, Including 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 [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 the 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] Shareholders' 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 [Member] 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 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] 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] 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 [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 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) 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 Revenues 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 Storc Group, Inc. Storc Group, Inc. [Member] Storc 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 represents 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 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Cover - shares 9 Months Ended Sep. 30, 2024 Nov. 08, 2024 Entity Information [Line Items] 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 Entity Information [Line Items] 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 Entity Information [Line Items] 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 - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei\_AmendmentFlag Namespace Prefix: dei\_Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei\_AreaCode Namespace Prefix: dei\_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei\_CityAreaCode Namespace Prefix: dei\_Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal 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. + ReferencesNo definition available. + Details Name: dei\_DocumentFiscalPeriodFocus Namespace Prefix: dei\_Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis 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. + ReferencesNo definition available. + Details Name: dei\_DocumentFiscalYearFocus Namespace Prefix: dei\_Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor 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. + ReferencesNo definition available. + Details Name: dei\_DocumentPeriodEndDate Namespace Prefix: dei\_Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 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 - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 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 - DefinitionThe 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'. + ReferencesNo definition available. + Details Name: dei\_DocumentType Namespace Prefix: dei\_Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei\_EntityAddressAddressLine1 Namespace Prefix: dei\_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei\_EntityAddressAddressLine2 Namespace Prefix: dei\_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei\_EntityAddressCityOrTown Namespace Prefix: dei\_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei\_EntityAddressPostalZipCode Namespace Prefix: dei\_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei\_EntityAddressStateOrProvince Namespace Prefix: dei\_Data Type: dei:stateOrProvinceItemBalance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 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 - DefinitionIndicate 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. + ReferencesNo definition available. + Details Name: dei\_EntityCommonStockSharesOutstanding Namespace Prefix: dei\_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate '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. + ReferencesNo definition available. + Details Name: dei\_EntityCurrentReportingStatus Namespace Prefix: dei\_Data Type: dei:yesNoItem Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 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 - DefinitionIndicate if an emerging growth company has elected not to use the extended transition period for complying with any new or revised financial accounting standards. + ReferencesReference 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 - DefinitionCommission 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. + ReferencesNo definition available. + Details Name: dei\_EntityFileNumber Namespace Prefix: dei\_Data Type: dei:fileNumberItemBalance Type: na Period Type: duration X - DefinitionIndicate 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. + ReferencesReference 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 - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei\_EntityIncorporationStateCountryCode Namespace Prefix: dei\_Data Type: dei:edgarStateCountryItemBalance 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: dei\_EntityInformationLineItems Namespace Prefix: dei\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionBoolean 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). + ReferencesReference 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:yesNoItem Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 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 - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 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 - DefinitionTitle of a 12(b) registered security. + ReferencesReference 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 - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d-1 + Details Name: dei\_SecurityExchangeName Namespace Prefix: dei\_Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo 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\_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 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 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 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 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 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) 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 - DefinitionAccrued Expenses And Other Liabilities, Current + ReferencesNo definition available. + Details Name: mvst\_AccruedExpensesAndOtherLiabilitiesCurrent Namespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: mvst\_LandUseRightsNet Namespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: mvst\_LandUseRightsNet Namespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance 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> 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> 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> + 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-Topic 220> -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-14> 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/1943274/2147480016/944-40-65-2> 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> Reference 5: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210> -SubTopic 10 -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> Reference 7: <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> 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> Reference 5: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210> -SubTopic 10 -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/1943274/2147482790/220-10-45-14> + Details Name: us-gaap\_AccruedIncomeTaxesCurrent 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 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> 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> 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> + 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 65 -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> 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 (ee) -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 32 -Subparagraph (d) -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 (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32> Reference 6: <http://www.xbrl.org/2003/role/exampleRef-Topic 852> -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 32 -Subparagraph (bb) -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)(ii)) -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> 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> 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/1943274/2147480977/944-210-S99-1> Reference 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(8)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1> Reference 16: <http://www.xbrl.org/2003/role/disclosureRef-Topic 210> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI <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/1943274/2147480977/470-10-S99-1> 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/1943274/2147480977/470-10-S99-1> Reference 19: <http://www.xbrl.org/2003/role/disclosureRef-Topic 470> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> Reference 20: <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/1943274/2147480977/470-10-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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-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)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> Reference 23: <http://www.xbrl.org/2003/role/disclosureRef-Topic 470> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.13-02(a)(4)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> Reference 24: <http://www.xbrl.org/2003/role/disclosureRef-Topic 470> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.13-02(a)(4)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-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)(ii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> Reference 27: <http://www.xbrl.org/2003/role/disclosureRef-Topic 470> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> 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/1943274/2147480977/470-10-S99-1> Reference 29: <http://www.xbrl.org/2003/role/disclosureRef-Topic 280> -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-30> Reference 30: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 942> -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480977/470-10-S99-1> Reference 31: <http://www.xbrl.org/2003/role/exampleRef-Topic 852> -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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> 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/1943274/2147482907/825-10-50-28> Reference 6: <a href="

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)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-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(25)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>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)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>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)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1> + 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)) -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 S99 -Paragraph 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)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1> + 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>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> -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-S99-1> + 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>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(ii) -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)(2)(iii) -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>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>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-3>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>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>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>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -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 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/1943274/2147478795/946-210-50-1>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-1>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/1943274/2147478795/946-210-50-1>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/1943274/2147478795/946-210-50-1>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>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>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-1>Reference 18: <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/1943274/2147478795/946-210-50-2>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-3>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-4>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(5) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-5>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(6) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-6>Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (SX 210.12-320) -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 50 -Paragraph 5 -Subparagraph (SX 210.12-320) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-S99-5>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5B -Subparagraph (SX 210.12-320) -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 50 -Paragraph 5B -Subparagraph (SX 210.12-320) -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>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 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482665/350-30-50>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 350 -SubTopic 20 -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\_IndangibleAssetsNetExcludingGoodwill 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://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/1943274/2147481372/852-10-55-10>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(4) -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 -Subparagraph (b)(5) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(6) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(7) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(8) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b)(9) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.13-02(3)) -Publisher FASB -URI <https://asc.fasb.org/1943274/214748097/235-10-S99-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/214748097/233-10-S99-1>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 15: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI [https://asc.fasb.org/1943274/2147483467/2](https://asc.fasb.org/1943274/2147483467/2810-10-50-28)

Classification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>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)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 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/1943274/2147481404/852-10-50-7>Reference 28: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481404/852-10-50-7>Reference 29: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-30+> Details Name: us-gaap\_Liabilities Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + 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/disclosureRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI [https://asc.fasb.org/1943274/2147478777/944-210-S99-1](http://www.xbrl.org/1943274/2147478777/944-210-S99-1)Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -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/1943274/2147480678/235-10-S99-1)Reference 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -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/2009/role/commonPracticeRef> -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://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1>Reference 7: <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(32)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business 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(21)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-50-3>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-25>Reference 4: <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 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/1943274/2147480566/210-10-S99-1>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/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-5>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)(ii)) -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)(ii)(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 1A -Subparagraph (SX 210.13-02(a)(4)(ii)) -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 1A -Subparagraph (SX 210.13-02(a)(4)(ii)(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 1A -Subparagraph (SX 210.13-02(a)(4)(iv)) -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 1A -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 1A -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/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 21: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481404/852-10-50-7>Details Name: us-gaap\_LiabilitiesCurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap\_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the noncurrent portion of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) a postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: <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-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 470 -SubTopic 10 -Section 45 -Paragraph 13 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481573/470-10-45-13>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 470 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481573/470-10-45-14> + Details Name: us-gaap\_LongTermLineOfCredit Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionSum of the carrying values as of the balance sheet date of the portions of long-term notes payable due within one year or the 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>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(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_NotesPayableCurrent 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, classified as noncurrent. + ReferencesReference 1: <http://www.xbrl.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\_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + 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(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_OtherAssetsNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 20 -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-S99-1> + Details Name: us-gaap\_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits in future periods, and amount of other assets that are expected to be realized or consumed within one year or the normal operating cycle, if longer. + 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(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_PrepaidExpenseAndOtherAssetsCurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant 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 equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Topic 210 -SubTopic 10 -Topic 360 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1>Reference 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/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_OtherAssetsNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liabilities classified as other, due after one year or the normal operating cycle, if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_OtherLiabilitiesNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant 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 equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -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 210 -Topic 954 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_RestrictedCashCurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as noncurrent. 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/2003/role/commonPracticeRef> -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482133/230-10-50-8> + Details Name: us-gaap\_RestrictedCashCurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as noncurrent. 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/2003/role/commonPracticeRef> -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482133/230-10-50-8> + Details Name: us-gaap\_RestrictedCashNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as current. 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://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)(3)) -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 210 -Topic 954 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_RestrictedCashNoncurrent Namespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of cash restricted as to withdrawal or usage, classified as current. 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/2003/role/disclosureRef> -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482137/852-10-55-10>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480016/944-20-45-2>Reference 4:





Classification -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 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/1943274/2147482740/230-10-45-28>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/1943274/2147482780/280-10-55-100>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 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/1943274/2147482810/280-10-50-22>Reference 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>Reference 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/1943274/2147482810/280-10-50-32>Reference 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/1943274/2147482810/280-10-50-30>Reference 5: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -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 6: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 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 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/1943274/2147482810/280-10-50-32>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 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/1943274/2147482810/280-10-50-31>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1>Reference 11: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 12: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -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:stringItemType Balance 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/1943274/2147482964/270-10-50-1>Reference 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/1943274/2147477250/944-220-S99-1>Reference 3: <http://www.xbrl.org/2003/role/commonPracticeRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 4: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482663/740-10-55-231>Reference 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/1943274/2147483443/250-10-50-9>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SAB Topic 6.1.7) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479360/740-10-S99-1>Reference 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/1943274/2147483443/250-10-50-8>Reference 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/1943274/2147482685/740-10-50-10>Reference 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/1943274/2147482810/280-10-50-22>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477314/942-235-S99-1>Reference 11: <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 12: <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/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap\_IncomeTaxExpenseBenefit 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/1943274/2147483443/250-10-50-6>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 (g3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 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/1943274/2147481687/323-10-50-9>Reference 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/1943274/2147482907/825-10-50-28>Reference 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/1943274/2147478625/220-10-50-6>Reference 10: <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 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 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/1943274/214748175/815-40-65-1>Reference 13: <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/1943274/2147478625/220-10-50-6>Reference 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/1943274/2147483443/250-10-50-8>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Name Accounting Standards Codification -Section 50 -Paragraph 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-10>Reference 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/1943274/2147483443/250-10-50-4>Reference 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/1943274/2147476176/946-830-55-10>Reference 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/1943274/2147479105/946-220-45-7>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.6-07(09)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477194/946-220-S99-1>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1 -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 23: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -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 59 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -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 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/470-10-S99-1>Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1B -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/470-10-S99-1>Reference 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -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 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -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 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 31: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 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/1943274/2147482689/260-10-45-60>Reference 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 34: <a href="http://www.xbrl.org/2003/



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:sharesItemType 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> 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:sharesItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_WeightedAverageNumberOfSharesOutstandingBasicAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType 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, 2023 Statement of Comprehensive Income [Abstract]  $\Delta$   $\Delta$   $\Delta$  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-S99-2> Reference 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/1943274/2147487524/942-220-S99-1> Reference 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-S99-1> Reference 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/1943274/2147482790/220-10-45-1A> Reference 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/1943274/2147482790/220-10-45-1B> Reference 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-S99-1> Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -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:monetaryItemType 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/1943274/2147481231/810-10-45-20> 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(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1> 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(25)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> Reference 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-S99-1> Reference 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/1943274/2147481231/810-10-45-21> Reference 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/1943274/2147482790/220-10-45-1A> Reference 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/1943274/2147477250/944-220-S99-1> Reference 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-S99-1> Reference 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:monetaryItemType 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/1943274/2147481231/810-10-45-19> 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(22)) -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(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> Reference 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/1943274/2147482790/220-10-45-1A> Reference 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/1943274/2147477250/944-220-S99-1> Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1C> Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1D -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1D> Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1E -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1E> Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1F -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1F> Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1G -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1G> 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/1943274/2147479168/946-830-55-1> Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-50-1A> + Details Name: us-gaap\_OtherComprehensiveIncomeForeignCurrencyTransactionAndTranslationAdjustmentNetOfTaxPortionAttributableToParent 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/1943274/214746176/805-60-65-1> 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/1943274/2147478666/740-323-65-2> 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/1943274/2147483443/250-10-50-8> 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/1943274/2147479168/946-830-55-1> 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/1943274/2147482689/260-10-50-1> 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/1943274/2147480678/235-10-S99-3> Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (SX 210.9-04(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> Reference 18: <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/1943274/2147481231/810-10-45-6> Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8> Reference 20: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -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 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479105/946-220-S99-3> Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-9> Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -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/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1> Reference 25: <http://www.xbrl.org/2003/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1C -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1> Reference 26: <http://www.xbrl.org/2003/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1D -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1> Reference 27: <http://www.xbrl.org/2003/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1E -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/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1F -Subparagraph (SX 210.13-01(a)(4)(iv)) -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 50 -Paragraph 1 -Subparagraph (SX 210.9-05-05-7) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479115/810-10-55-4> 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 4 -Publisher FASB -URI <a

1,452,189 (846,835) (33,745) 6,032 2,045 Increase (Decrease) in Stockholders' Equity [Roll Forward]  $\Delta$   $\Delta$   $\Delta$   $\Delta$   $\Delta$   $\Delta$  Net profit/(loss) (26,172) (26,130)  $\Delta$  (26,130)  $\Delta$  (42) Issuance of common stock in connection with vesting of share-based awards \$ 1 (1)  $\Delta$   $\Delta$   $\Delta$  Issuance of common stock in connection with vesting of share-based awards (in shares)  $\Delta$   $\Delta$  6,908,382  $\Delta$   $\Delta$   $\Delta$  Share-based compensation 15,985 15,985  $\Delta$   $\Delta$   $\Delta$  Foreign currency translation adjustments (2,192) (2,180)  $\Delta$   $\Delta$  (2,180)  $\Delta$  (12) Ending balance (in shares) at Sep. 30, 2023  $\Delta$  314,847,325  $\Delta$   $\Delta$   $\Delta$  Ending balance at Sep. 30, 2023 \$ 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  $\Delta$  315,006,942  $\Delta$   $\Delta$   $\Delta$  Beginning balance at Dec. 31, 2023 \$ 564,190 564,190 \$ 32 1,481,241 (897,501) (25,614) 6,032  $\Delta$  Increase (Decrease) in Stockholders' Equity [Roll Forward]  $\Delta$   $\Delta$   $\Delta$   $\Delta$   $\Delta$  Net profit/(loss) \$ (90,019) (90,019)  $\Delta$   $\Delta$   $\Delta$  Issuance of common stock in connection with vesting of share-based awards \$ 0 \$ 1 (1)  $\Delta$   $\Delta$   $\Delta$  Issuance of common stock in connection with vesting of share-based awards (in shares)  $\Delta$   $\Delta$  7,120,856  $\Delta$   $\Delta$   $\Delta$  Share-based compensation \$ 30,391 30,391  $\Delta$   $\Delta$   $\Delta$  Issuance of warrants (Note 14)  $\Delta$  779  $\Delta$  779  $\Delta$   $\Delta$  Foreign currency translation adjustments  $\Delta$  3,862  $\Delta$   $\Delta$  3,862  $\Delta$   $\Delta$  Ending balance (in shares) at Sep. 30, 2024 322,127,798  $\Delta$  322,127,798  $\Delta$   $\Delta$   $\Delta$  Ending balance at Sep. 30, 2024 \$ 509,203 509,203 \$ 33 1,512,410 (987,520) (21,752) 6,032  $\Delta$  Beginning balance (in shares) at Jun. 30, 2024  $\Delta$  478,103 \$ 32 1,506,031 (1,000,767) (33,225) 6,032  $\Delta$  Increase (Decrease) in Stockholders' Equity [Roll Forward]  $\Delta$   $\Delta$   $\Delta$   $\Delta$   $\Delta$  Net profit/(loss) \$ 13,247 13,247  $\Delta$   $\Delta$   $\Delta$  Issuance of common stock in connection with vesting of share-based awards \$ 0 \$ 1 (1)  $\Delta$   $\Delta$   $\Delta$  Issuance of common stock in connection with vesting of share-based awards (in shares)  $\Delta$   $\Delta$  6,617,351  $\Delta$   $\Delta$   $\Delta$  Share-based compensation  $\Delta$  6,380  $\Delta$   $\Delta$   $\Delta$  Foreign currency translation adjustments  $\Delta$  11,473  $\Delta$   $\Delta$   $\Delta$  11,473  $\Delta$   $\Delta$  Ending balance (in shares) at Sep. 30, 2024 322,127,798  $\Delta$   $\Delta$   $\Delta$  Ending balance at Sep. 30, 2024 \$ 509,203 509,203 \$ 33 1,512,410 (987,520) \$ (21,752) \$ 6,032  $\Delta$   $\Delta$  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 -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> -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>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 470 -SubTopic 20 -Section 25 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481844/470-20-25-2> + 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> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -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 718 -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 210 -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>Reference 6: <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:monetaryItemType Balance Type: credit 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/1943274/2147483443/250-10-50-2>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 50 -Paragraph 4: <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 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(1)(i)(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> + 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 50 -Paragraph 5 -Subparagraph 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(1)(i)(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> + 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 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 4: <http://www.xbrl.org/2003/role/disclosureRef> -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: duration X - DefinitionType: 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:monetaryItemType Balance Type: credit 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/1943274/2147483443/250-10-50-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-2>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(1)(i)(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> + 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 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-2>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(1)(i)(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> + 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 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-2>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(1)(i)(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> + 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 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-2>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/](https://asc.fasb.org/1943274/2147478666/740-323-65-2)

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)(ii)(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>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/250-10-45-24>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/250-10-45-23>Reference 12: <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>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>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>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>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(ii) -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>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>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>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>Reference 22: <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 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>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>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -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 <https://asc.fasb.org/1943274/2147482615/740-10-65-8>Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 28: <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>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/1943274/2147481674/830-30-10-50-1>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>Reference 34: <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/1943274/2147481694/946-830-55-11>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480528/946-205-45-3>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478448/946-505-50-3>Reference 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1>Reference 38: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-2>Reference 39: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>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-S99-3>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-S99-3>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-S99-1>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)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 44: <http://www.xbrl.org/2009/role/commonPracticeRef> -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 45: <http://www.xbrl.org/2009/role/commonPracticeRef> -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 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> + 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 A A Net profit/(loss) \$ (90,019) \$ (81,821) Adjustments to reconcile net loss to net cash used in operating activities: A A 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: A A 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 A A 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 A A 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 + ReferencesNo definition available. + Details Name: us-gaap\_DeferralPaymentRelatedToPurchasesOfPropertyPlantAndEquipment 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 - DefinitionGainOn Change in Fair Value of Warrant Liability And Convertible Note + ReferencesNo definition available. + Details Name: mvst\_AmortizationOfLandUseRightAndIntangibleAssets 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\_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\_CapitalExpendituresIncurredButNotYetPaid Namespace Prefix: us-gaap\_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes 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. Excludes cash and cash equivalents within disposal group and discontinued operation. + 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/1943274/2147480566/210-10-599-1>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483421/210-10-45-1>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/1943274/2147482913/230-10-50-8>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 7: <http://www.xbrl.org/2003/role/exampleRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 8: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 10: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI <a href="https://asc.fasb.org/1943274/2147482913/230-10-50-

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: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477401/830-230-45-1> + Details Name: us-gaap\_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap\_Data Type: xbri: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>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 Prefix: us-gaap\_Data Type: xbri: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 are 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: xbri: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>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: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri: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>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 Namespace Prefix: us-gaap\_Data Type: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe 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> + Details Name: us-gaap\_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap\_Data Type: xbri:stringItemType Balance 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> + Details Name: us-gaap\_IncreaseDecreaseInOperatingLeaseLiability Namespace Prefix: us-gaap\_Data Type: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent operating liabilities classified as other. + ReferencesNo definition available. + Details Name: us-gaap\_IncreaseDecreaseInOtherNoncurrentLiabilities Namespace Prefix: us-gaap\_Data Type: xbri: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 Namespace Prefix: us-gaap\_Data Type: xbri: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>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -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 Namespace Prefix: us-gaap\_Data Type: xbri: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 599 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap\_Data Type: xbri:stringItemType Balance 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: xbri:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap\_Data Type: xbri:stringItemType Balance 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> + Details Name: us-gaap\_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of interest expense classified as operating. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -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\_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap\_Data Type: xbri:stringItemType Balance 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> + Details Name: us-gaap\_NoncashInvestingAndFinancingItemsAbstract Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit 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\_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap\_Data Type: xbri: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> -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\_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap\_Data Type: xbri: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\_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap\_Data Type: xbri: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: xbri: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> -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\_PaymentsToAcquireShortTermInvestments Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: debit 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 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap\_PaymentsToAcquireShortTermInvestments Namespace Prefix: us-gaap\_Data Type: xbri: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: xbri:monetaryItemType Balance Type: debit 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 -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: xbri: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> -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: xbri: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: xbri: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> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap\_ProceedsFromSaleAndMaturityOfMarketableSecurities Namespace Prefix: us-gaap\_Data Type: xbri: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> -Topic 230 -SubTopic 10 -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI <a href="https://asc.fasb.org/1943274/2147482740/230-10-45-2

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/1943274/2147480715/815-40-65-1Reference 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 599 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -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 599 -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 599 -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 599 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -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 599 -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 599 -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 599 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -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 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(ii)(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 599 -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 599 -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 599 -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 599 -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/1943274/2147483449/205-20-50-7Reference 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/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 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/1943274/2147479319/326-20-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -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/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 599 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 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/1943274/2147482913/230-10-50-8Reference 4: http://fasb.org/us-gaap/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-03(1)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 5: http://fasb.org/us-gaap/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: instant X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/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 OPERATIONS Microvast, Inc. was incorporated under the laws of the State of Texas in the United States of America on October 12, 2006 and re-domiciled 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 Accounting Standards Codification Topic 805, Business Combinations (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/tableOfContentReference 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 + Details Name: us-gaap\_NatureOfOperations Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type 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 POLICIES Basis 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 (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. 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

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 2022 2021 2020 People's Republic of China ("PRC") \$28,715.14M \$36,289.9M \$89,190.0M \$115,023.8M Other Asia & Pacific countries 10,550.0M 24,611.8M 36,215.4M 46,280.0M Asia & Pacific 39,266.0M 60,900.4M 125,405.3M 161,303.8M Europe 59,479.1M 19,034.1M 135,154.8M U.S. 2,643.8M 5,864.2M 2,183.3M Total \$101,388.0M \$80,116.4M \$266,414.4M \$202,042.4M 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 if it 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 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. 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 A 14. 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 do not expect a material impact to the consolidated financial statements. X - References No definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract 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: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 235 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 1 - Publisher FASB - URI <https://asc.fasb.org/1943274/2147483426/235/10-50-1> Reference 2: <http://fasb.org/us-gaap/role/legacyRef> - Topic 235 - Name Accounting Standards Codification - Publisher FASB - URI <https://asc.fasb.org/235/tableOfContent> + Details Name: us-gaap\_SignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for all significant accounting policies of the reporting entity. + References Reference 1: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 235 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 1 - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482925/835/30-45-2> + Details Name: us-gaap\_LoansNotesTradeAndOtherReceivablesDisclosureTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap\_ReceivablesAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.24.3 ACCOUNTS RECEIVABLE 9 Months Ended Sep. 30, 2024 Receivables [Abstract] ACCOUNTS RECEIVABLE ACCOUNTS RECEIVABLE Accounts receivable consisted of the following: September 30, 2024 December 31, 2023 Accounts receivable \$125,371A \$143,288A Allowance for credit losses (3,832) (4,571) Accounts receivable net \$121,539A \$138,717A Movement of allowance for credit losses was as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2022 2021 2020 Balance at beginning of the period \$4,679A \$3,468A \$4,571A \$4,407A Reversal of expenses (992) (206) (237) (1,038) Write off (2)A (53) (66) Recoveries of credit losses (4)A (4)A (2)A (2)A Exchange difference (147) (20) (29) (182) Balance at end of the period \$3,832A \$3,242A \$3,832A \$3,242A X - Definition The entire disclosure for claims held for amounts due to entity, excluding financing receivables. Examples include, but are not limited to, trade accounts receivables, notes receivables, loans receivables. Includes disclosure for allowance for credit losses. + References Reference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> - Topic 310 - SubTopic 10 - Name Accounting Standards Codification - Publisher FASB - URI <https://asc.fasb.org/310/10/tableOfContent> Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 835 - SubTopic 30 - Name Accounting Standards Codification - Section 45 - Paragraph 2 - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482925/835/30-45-2> + Details Name: us-gaap\_LoansNotesTradeAndOtherReceivablesDisclosureTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap\_ReceivablesAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES, NET 9 Months Ended Sep. 30, 2024 Inventory Disclosure [Abstract] INVENTORIES, NET INVENTORIES, NET Inventories consisted of the following: September 30, 2024 December 31, 2023 Work in process \$102,443A \$86,379A Raw materials 36,704A 35,867A Finished goods 18,622A 27,503A Total \$157,769A \$149,749A Write-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. X - References No definition available. + Details Name: us-gaap\_InventoryDisclosureAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + References Reference 1: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 330 - Name Accounting Standards Codification - Publisher FASB - URI <https://asc.fasb.org/330/tableOfContent> + Details Name: us-gaap\_InventoryDisclosureTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R12.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES, NET 9 Months Ended Sep. 30, 2024 Accrued Liabilities and Other Liabilities [Abstract] ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES September 30, 2024 December 31, 2023 Product warranty, current \$8,151A \$13,738A Payables for purchase of property, plant and equipment 54,318A 96,350A Other current liabilities 18,112A 14,312A Accrued payroll and welfare 4,445A 8,089A Accrued expenses 6,118A 6,224A Interest payable 1,429A 41A Other tax payable 8,415A 7,117A Operating lease liabilities, current 3,214A 2,413A Total \$104,202A \$148,284A X - Definition The entire disclosure for accounts for payables, accrued expenses, and other liabilities that are classified as current at the end of the reporting period. + References Reference 1: <http://www.xbrl.org/2003/role/disclosureRef> - 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> + Details Name: us-gaap\_AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureCurrentTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap\_AccruedLiabilitiesAndOtherLiabilitiesAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 24 R13.htm IDEA: XBRL DOCUMENT v3.24.3 PRODUCT WARRANTY 9 Months Ended Sep. 30, 2024 Product Warranties Disclosures [Abstract] PRODUCT WARRANTY PRODUCT WARRANTY Movement of product warranty was as follows: Three Months Ended September 30, Nine Months Ended September 30, 2024 2023 2022 2021 2020 Balance at beginning of the period \$34,184A \$37,108A \$35,217A \$42,060A Provided during the period 4,024A 3,567A 10,353A 9,017A Utilized during the period (3,970) (7,125) (10,516) (15,635) Exchange difference 216A (202) (400) (2,094) Balance at end of the period \$35,454A \$33,348A \$35,454A \$33,348A September 30, 2024 December 31, 2023 Product warranty, current \$8,151A \$13,738A Product warranty, non-current 27,303A 21,479A Total \$35,454A \$35,217A X - References No definition available. + Details Name: us-gaap\_ProductWarrantiesDisclosuresAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for standard and extended product warranties and other product guarantee contracts, including a tabular reconciliation of the changes in the guarantor's aggregate product warranty liability for the reporting period. + References Reference 1: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 460 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 4 - Subparagraph (a)(4) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482425/460/10-50-4> Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 460 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 4 - Subparagraph (a)(5) - 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 4 - Subparagraph (d) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482425/460/10-50-4> Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 460 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 4 - Subparagraph (e) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482425/460/10-50-4> Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 460 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 4 - Subparagraph (a)(2) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482425/460/10-50-4> Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> - Topic 460 - SubTopic 10 - Name Accounting Standards Codification - Section 50 - Paragraph 4 - Subparagraph (a)(3) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147482425/460/10-50-4> Details Name: us-gaap\_ProductWarrantyDisclosureTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R14.htm IDEA: XBRL DOCUMENT v3.24.3 BANK BORROWINGS 9 Months Ended Sep. 30, 2024 Bank Borrowings [Abstract] BANK BORROWINGS BANK BORROWINGS On 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/Repayment Amount December 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 \$10,859 (RMB76.2 million) December 10, 2026 \$10,859 (RMB76.2 million) June 10, 2027 \$10,859 (RMB76.2 million) December 10, 2027 \$10,859 (RMB76.2 million) June 10, 2028 \$10,859 (RMB76.2 million) December 10, 2028 \$10,859 (RMB76.2 million) June 10, 2029 \$10,859 (RMB76.2 million) December 10, 2029 \$10,859 (RMB76.2 million) June 10, 2030 \$10,859 (RMB76.2 million) December 10, 2030 \$10,859 (RMB76.2 million) June 10, 2031 \$10,859 (RMB76.2 million) December 10, 2031 \$10,859 (RMB76.2 million) June 10, 2032 \$10,859 (RMB76.2 million) December 10, 2032 \$10,859 (RMB76.2 million) June 10, 2033 \$10,859 (RMB76.2 million) December 10, 2033 \$10,859 (RMB76.2 million) June 10, 2034 \$10,859 (RMB76.2 million) December 10, 2034 \$10,859 (RMB76.2 million) June 10, 2035 \$10,859 (RMB76.2 million) December 10, 2035 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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. Changes in bank borrowings are as follows: **Three Months Ended September 30, Nine Months Ended September 30, 2024** 2024 2023 2024 2023 Beginning balance \$94,237A \$49,146A \$79,153A \$46,395A Proceeds from bank borrowings 29,911A 9,207A 70,373A 18,439A Repayments of principal (8,375)(2,347)(31,824)(6,286) Exchange difference 3,801A (3491,872A (2,891) Ending balance \$119,574A \$55,657A \$119,574A \$55,657A Balance of bank borrowings includes: September 30, 2024 December 31, 2023 Current \$66,177A \$35,392A Non-current \$3,397A 43,761A Total \$119,574A \$79,153A 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 \$121,302A \$124,565A Machinery and equipment 65,091A -A Land use rights 11,902A 11,984A Construction in progress 348A -A Total \$198,643A \$136,549A X - References No definition available. + Details Name: mvst\_BankBorrowingsAbstract Namespace Prefix: mvst Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition BankBorrowings + References No definition available. + Details Name: mvst\_BankBorrowingsTextBlock Namespace Prefix: mvst Data Type: dtr-types1: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 \$27,303A \$21,479A Deferred subsidy income- non-current 6,093A 3,382A Other non-current payable 5,090A -A Total \$38,486A \$24,861A 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-S99-1> 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(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> Reference 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-types1:textBlockItem 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 A Huzhou Saiyuan \$43,157A \$43,157A Total \$43,157A \$43,157A 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: xbrli:stringItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst\_BondsPayableTextBlock Namespace Prefix: mvst Data Type: dtr-types1: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 publicly-traded warrants (AePublic Warrants) and 837,000 private placement warrants issued to Tuscan Holdings Acquisition LLC (the AeSponsorAe) and EarlyBirdCapital, Inc. (AeEarlyBirdCapitalAe) (AePrivate Warrants) and together with the Public Warrants, the AeWarrantsAe) upon the Business Combination, all of which were issued in connection with TuscanAe'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 CompanyAe'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 became exercisable, the Company may redeem the Public Warrants, Aein whole and not in part, Aeat a price of Ae\$0.01 per warrant, Aeupon not less than 30 daysAe prior written notice of redemption, Aeif, and only if, the reported last sale price of the CompanyAe'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 Aeif, 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. 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 holderAe'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 CompanyAe's redemption option at the earliest possible date: September 30, 2024 Market price of public stock \$0.25A Exercise price \$11.50A Expected term (years) 1.82 Volatility 96.27A % Risk-free interest rate 3.64A % Dividend rate 0.00A % The market price of public stock is the quoted market price of the CompanyAe'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 CompanyAe'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 A 14A Ae Convertible loan with shareholder measured at fair value. X - Definition Warrants [Abstract] + References No definition available. + Details Name: mvst\_WarrantsAbstract Namespace Prefix: mvst Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration XML 29 R18.htm IDEA: XBRL DOCUMENT v3.24.3 FAIR VALUE MEASUREMENT 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 CompanyAe's redemption option at the earliest possible date. See Note A 10A Ae 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 A 14A Ae 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 GroupAe'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 \$63,585A Ae Ae Ae \$63,585A Restricted cash 51,382A Ae Ae Ae \$51,382A Total financial asset \$114,967A Ae Ae Ae \$114,967A Warrant liability Ae Ae A \$1A \$1 Convertible loan with shareholder measured at fair value Ae Ae Ae \$24,423A Ae 42,423A Total financial liability Ae Ae Ae \$24,424A Ae \$24,424A 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 \$44,541A Ae Ae Ae \$44,541A Restricted cash 43,648A Ae Ae Ae \$43,648A Total financial asset \$88,189A Ae Ae Ae \$88,189A Warrant liability Ae Ae Ae \$67A Ae \$67A Total financial liability Ae Ae Ae \$67A Ae \$67A 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 \$67A \$126A Changes in fair value (66)25A Balance at end of the period \$151A 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 \$4A Ae Issuance of convertible loan with shareholder 25,944A Interest paid during the period (347) Changes in fair value (1,174) Balance at end of the period \$24,423A Ae Measured or disclosed at fair value on a nonrecurring basis The CompanyAe'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. X - References No definition available. + Details Name: us-gaap\_FairValueDisclosuresAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information. + References Reference 1: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 107 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 2: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 108 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 3: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 109 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 4: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 110 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 5: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 111 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 6: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 112 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 7: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 113 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 8: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 114 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 9: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 115 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 10: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 116 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 11: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 117 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 12: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 118 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 13: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 119 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 14: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 120 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 15: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 121 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 16: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 122 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 17: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 123 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 18: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 124 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 19: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 125 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 20: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 126 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 21: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 127 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 22: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 128 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 23: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 129 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 24: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 130 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 25: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 131 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 26: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 132 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 27: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 133 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 28: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 134 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 29: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 135 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 30: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 136 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 31: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 137 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 32: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 138 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 33: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 139 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 34: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 140 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 35: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 141 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 36: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 142 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 37: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 143 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 38: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 144 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-10> Reference 39: <http://www.xbrl.org/2003/role/exampleRef> Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 145 -Publisher FASB -URI [https://asc.fasb.org/1943274/2147482078/82](https://asc.fasb.org/1943274/2147482078/820-10-55-10)

ending December 31, 2024 \$1,347 Å 2025 \$3,781 Å 2026 \$2,917 Å 2027 \$2,458 Å 2028 \$1,873 Å 2029 \$1,681 Å Thereafter \$10,227 Å Total future lease payments \$24,284 Å Less: Imputed interest \$(4,744) Present value of operating lease liabilities \$19,540 Å X - References No definition available. + Details Name: us-gaap\_LeasesAbstract Namespace Prefix: us-gaap\_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - Definition The entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + References Reference 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:textBlockItem Type 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] Å SHARE-BASED PAYMENT SHARE-BASED PAYMENT On July Å 21, 2021, the Company adopted the Microvast Holdings, Inc. 2021 Equity Incentive Plan (the Å 2021 Planå). 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 Å 2012 Planå) 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 Planå's terms. Stock options On 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 Å modification Å as a Type III (improbable-to-probable) Å modification, which represents the Å modification Å of the award that was not expected to vest under the original vesting conditions at the date of the Å modification. The Company recognized compensation cost equal to the modified awardå's fair value at the date of the Å 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, 2024 Exercise price \$5.69 Å Expected terms (years) 1.25 Volatility 85.66 Å % Risk-free interest rate 5.00 Å % Expected dividend yields 0.00 Å % Fair value of options granted \$0.0035 Å 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 - continued Stock options activity for the nine months ended September Å 30, 2024 and 2023 was as follows: Stock options life Number of Shares Weighted Average Exercise Price (U.S.\$) Weighted Average Grant Date Fair Value (U.S.\$) Weighted Average Remaining Contractual Life Outstanding as of December 31, 2023 \$2,876,682 Å 6.01 Å 4.73 Å 5.7 Forfeited (1,521,350) Å 4.60 Å 3.18 Å Outstanding as of September Å 30, 2024 \$31,355,332 Å 6.08 Å 4.80 Å 5.0 Exercisable as of September Å 30, 2024 \$31,355,332 Å 6.08 Å 4.80 Å 5.0 Outstanding as of December 31, 2024 \$36,091,071 Å 6.08 Å 4.80 Å 6.8 Grant 640,000 Å 1.77 Å 1.18 Å Forfeited (895,706) Å 0.2 Å 3.64 Å Outstanding as of September Å 30, 2024 \$35,385,365 Å 6.03 Å 4.76 Å 5.6 Expected to vest and exercisable as of September Å 30, 2024 \$35,385,365 Å 6.03 Å 4.76 Å 5.6 Outstanding as of September Å 30, 2024 \$35,385,365 Å 6.03 Å 4.76 Å 5.6 During the three months ended September Å 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 Å 30, 2024 and 2023, the Company recorded share-based compensation expense of \$25,489 and \$39,763 related to the option awards, respectively. The total unrecognized equity-based compensation costs as of September Å 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 Å 30, 2024 was \$0. Capped Non-vested share units The capped non-vested share units (åœCRSUså) 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 Å 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 Å 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 - continued Activity on the CRSUs for the nine months ended September Å 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, 2023 \$6,655,014 Å 2.29 Å Vested (6,665,014) Å 2.29 Å Outstanding as of September 30, 2024 Å 0 Å Outstanding as of December 31, 2024 \$22,134,444,469 Å 2.38 Å Vested (6,722,228) Å 2.47 Å Outstanding as of September 30, 2024 \$22,134,444,469 Å 2.38 Å There is no unrecognized equity-based compensation costs as of September Å 30, 2024 related to the CRSUs. Restricted Stock Units Following the Business Combination, the Company granted 2,721,624 restricted stock units (åœRSUså) and 2,680,372 performance-based restricted stock units (åœPESUså) subject to service, performance and/or market conditions. The service condition requires the participantå'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 Companyå'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 Å 30, 2024, respectively. During the three and nine months ended September Å 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 - continued The non-vested shares activity for the nine months ended September Å 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, 2023 \$3,598,606 Å 3.07 Å Grant 79,909 Å 1.40 Å Vested (503,505) Å 2.65 Å Forfeited (777,206) Å 4.29 Å Outstanding as of September 30, 2024 \$2,222,837 Å 6.92 Å Grant 354,633 Å 1.88 Å Vested (496,586) Å 4.59 Å Outstanding as of September 30, 2024 \$3,977,460 Å 3.17 Å The total unrecognized equity-based compensation costs as of September Å 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, 2024 Cost of revenues \$771 Å \$1,530 Å \$3,390 Å \$4,559 Å General and administrative expenses \$3,392 Å 10,444 Å 19,192 Å 35,031 Å Research and development expenses \$1,604 Å 2,953 Å 5,902 Å 8,660 Å Selling and marketing expenses \$34 Å 935 Å 1,805 Å 3,391 Å Construction in process \$140 Å 22 Å 429 Å Total \$6,309 Å \$16,002 Å \$30,311 Å \$52,070 Å X - Definition The entire disclosure for share-based payment arrangement. + References Reference 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 (a) -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) -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 (h)(2)(i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(ii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 8: <http://www.xbrl.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> Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(iv) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(v) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(vi) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-20-50-5> Reference 3: <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/1943274/2147480429/946-20-50-5> Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-235-50-2> Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 235 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-235-50-2> Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-235-50-2> Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 59 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-220-59-1> Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 59 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-220-59-1> Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 59 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-220-59-1> Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/946-20-50-6> Reference 13: <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/1943274/2147480429/946-20-50-6> Reference 14: <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/1943274/2147480429/946-20-50-6> Reference 15: <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/1943274/2147480429/946-20-50-6> Reference 16: <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/1943274/2147480429/946-20-50-6> Reference 17: <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/1943274/2147480429/946-20-50-6> Reference 18: <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/1943274/2147480429/946-20-50-6> Reference 19: <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/1943274/2147480429/946-20-50-6> Reference 20: <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/1943274/2147480429/946-20-50-6> Reference 21: <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/1943274/2147480429/946-20-50-6> Reference 22: <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/1943274/2147480429/946-20-50-6> Reference 23: <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/1943274/2147480429/946-20-50-6> Reference 24: <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/1943274/2147480429/946-20-50-6> Reference 25: <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/1943274/2147480429/946-20-50-6> Reference 26: <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/1943274/2147480429/946-20-50-6> Reference 27: <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/1943274/2147480429/946-20-50-6> Reference 28: <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/1943274/2147480429/946-20-50-6> Reference 29: <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/1943274/2147480429/946-20-50-6> Reference 30: <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/1943274/2147480429/946-20-50-6> Reference 31: <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/1943274/2147480429/946-20-50-6> Reference 32: <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/1943274/2147480429/946-20-50-6> Reference 33: <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/1943274/2147480429/946-20-50-6> Reference 34: <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/1943274/2147480429/946-20-50-6> Reference 35: <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/1943274/2147480429/946-20-50-6> Reference 36: <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/1943274/2147480429/946-20-50-6> Reference 37: <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/1943274/2147480429/946-20-50-6> Reference 38: <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/1943274/2147480429/946-20-50-6> Reference 39: <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/1943274/2147480429/946-20-50-6> Reference 40: <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/1943274/2147480429/946-20-50-6> Reference 41: <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/1943274/2147480429/946-20-50-6> Reference 42: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 850 -SubTopic

convert of convertible loanâ€”A â€”A 17,678,832â€”A â€”A X - ReferencesNo definition available. + Details Name: us-gaap\_EarningsPerShareAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + 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>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482662/260-10-50-2>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482662/260-10-50-3> + Details Name: us-gaap\_EarningsPerShareTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R23.htm IDEA: XBRL DOCUMENT v3.24.3 COMMITMENTS AND CONTINGENCIES 9 Months Ended Sep. 30, 2024 Commitments and Contingencies Disclosure [Abstract] A COMMITMENTS AND CONTINGENCIES COMMITMENTS AND CONTINGENCIES LitigationCorporate Governance ActionsThe directors of Company predecessor, Tuscan, have been named as defendants in a litigation filed in the Court of Chancery captioned Matt Jacob v. Stephen A. Vogel, et al., C.A. No. 2022-0600-PAF (Del. Ch.) (filed July 7, 2022). The plaintiff is seeking to certify the litigation as a stockholder class action. The complaint alleges that defendants breached their fiduciary duties in connection with Tuscanâ€™s acquisition of Microvast, Inc., including by making inadequate disclosures concerning the projected earnings of Microvast, Inc. The plaintiff further alleges that once the earnings of the combined company became public, the Companyâ€™s stock dropped, causing losses to investors. Certain defendants have answered the complaint, and certain defendants have filed motions to dismiss, which are being argued on December 6, 2024. On December 13, 2023, in response to a stockholder litigation demand, the Company filed a petition in the Court of Chancery pursuant to Section 205 of the Delaware General Corporation Law seeking validation of an amendment to the Companyâ€™s Amended Certificate of Incorporation, the Business Combination and the issuance of the shares issued pursuant thereto, and the Companyâ€™s Second Amended and Restated Certificate of Incorporation adopted in connection with the Business Combination (collectively, the "Acts") to resolve any uncertainty with respect to those matters, which action was captioned In re Microvast Holdings Inc., C.A. No. 2023-1245-PAF. On March 18, 2024, the Court of Chancery granted the petition, validating and declaring effective each Act as of the time and date such Act was originally taken. The Company, the directors of Company predecessor, Tuscan, and certain former and current Company officers and directors have also been named as defendants in a litigation filed in the Court of Chancery captioned Denish Bhavasar v. Stephen Vogel, et al., Case No. 2024-0137-PAF (Del. Ch.) (filed Feb. 14, 2024). The plaintiff purports to assert derivative claims on behalf of the Company. The complaint alleges that the individual defendants breached their fiduciary duties in connection with Tuscanâ€™s acquisition of Microvast, Inc., including by making inadequate disclosures concerning Microvast, Inc.â€™s earnings and alleged conflicts of interest that existed between certain directors and Company stockholders. Litigation-continuedCorporate Governance Actions-continuedThe Company, and certain former and current Company officers and directors have also been named as defendants in a litigation filed in the Court of Chancery captioned Henry Park v. Yang Wu, et al., C.A. No. 2024-0868-PAF (Del. Ch.) (filed August 19, 2024). The plaintiff purports to assert derivative claims on behalf of the Company. The complaint alleges that certain individual defendants breached their fiduciary duties in connection with Tuscanâ€™s acquisition of Microvast, Inc., including by making inadequate disclosures concerning Microvast, Inc.â€™s earnings and by refusing to investigate a litigation demand. On October 14, 2024, the Company and other defendants filed a motion to dismiss but the judge has not yet ruled on the motion. The Company has received additional demands from purported Company stockholders, requesting that the Companyâ€™s Board of Directors investigate whether current and former directors and officers of the Company and its predecessors, Tuscan and Microvast Inc., breached their fiduciary duties by allegedly making material misrepresentations about inter alia (1) Microvast Inc.â€™s performance and financial health in connection with the merger between Tuscan and Microvast, Inc., and (2) the Companyâ€™s loss of a conditional grant from the United States Department of Energy. The Company has responded to certain of the demands and is evaluating responses to others. The Company has also received and responded to a stockholder demand for books and records made pursuant to Section 220 of the Delaware General Corporation Law that purportedly seeks to investigate the loss of the DOE grant. Securities LitigationThe Company and certain of its officers have also been named as defendants in a putative class action complaint by a shareholder of the Company in the U.S. District Court for the Southern District of Texas under the caption Schelling v. Microvast Holdings, Inc., Case No. 4:23-cv-04565 (S.D. Tex.) (filed Dec. 5, 2023) (the "Schelling Action"). The complaint alleges that defendants violated certain federal securities laws by making misleading statements regarding the receipt of a conditional grant from the United States Department of Energy, the Companyâ€™s profitability, and the nature of Company-associated operations in China. On March 1, 2024, the court appointed Co-Lead Plaintiffs and Co-Lead Counsel for the proposed class of Company investors. Plaintiffs amended their complaint on May 13, 2024, and Defendants filed a motion to dismiss on June 20, 2024. Briefing on the motion to dismiss was completed on September 10, 2024. The Court has not ruled yet on the motion. The Company and certain of its officers and directors have also been named as defendants in three derivative actions filed in the Southern District of Texas under the captions Bhavasar v. Wu et al., No. 4:24-cv-00372 (S.D. Tex.) (filed Jan. 31, 2024), Marti et al v. Wu et al, Case No. 4:24-cv-00633 (S.D. Tex.) (filed Feb. 23, 2024), Gidaro v. Wu et al, Case No. 4:24-cv-00828 (S.D. Tex.) (filed Mar. 6, 2024). The complaints allege that the officer and director defendants violated the federal securities laws by making inadequate disclosures substantially similar to those alleged in the Schelling Action. The complaints further allege that these inadequate disclosures resulted from, and constituted, breaches of the officer and director defendantsâ€™ fiduciary duties. On February 24, 2024, the court entered in an order in the first-filed case, Bhavasar v. Wu et al., No. 4:24-cv-00372, consolidating the Bhavasar case and Marti et al v. Wu et al, Case No. 4:24-cv-00633. The consolidated derivative litigation (the â€œConsolidated Derivative Actionâ€) is captioned In re Microvast Holdings, Inc. Derivative Litigation, Lead Case No. 4:24-cv-00372 (S.D. Tex.). The parties in the Gidaro action filed a stipulation to consolidate the Gidaro case into the Consolidated Derivative Action. The Consolidated Derivative Action is stayed pending disposition of an anticipated motion to dismiss in the Schelling Action. Pursuant to the Company's governing documents and indemnification agreements entered into by the Company with certain of the named defendants, in the above-described actions, the Company has indemnified those defendants for all expenses and losses related to the litigation subject to the terms of those indemnification agreements. While the lawsuits are being vigorously defended, other reported lawsuits of this type have resulted in a broad range of outcomes, with each case being dependent on its own unique set of facts and circumstances. Litigation of this kind can lead to settlement negotiations, including negotiations prompted by pre-trial civil court procedures. 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, which could be material, cannot be reasonably estimated at this time. Litigation-continuedOther MattersThe Company and Microvast Energy, Inc. (â€œMicrovast Energyâ€), a subsidiary of the Company, have been named as defendants in a litigation filed in the Chancery Court for the State of Tennessee under the caption Stoncor Group, Inc. v. Microvast, Inc., et al, Case No. CD-24-12 (Tenn. Ch.) (filed Mar. 18, 2024). The plaintiff alleges that the Company failed to pay it for construction work that it performed on a Microvast facility in Tennessee, and seeks damages of \$1,251, plus certain fees and expenses, and foreclosure on the facility to satisfy the payment allegedly owed. Deidre Milan is an ex-employee of Microvast, and is the putative representative of a class of more than 100 individual employees who were let go from their jobs at a plant in Clarksville, Tennessee. She has filed Civil Action No. 3:24-cv-00627, Deidre Milan, Plaintiff v. Microvast, Inc. and Microvast Holdings, Inc. in the US District Court for the Middle District of Tennessee. The Company filed an answer to the suit on July 19, 2024. The Class Action Complaint is brought under the Worker Adjustment and Notification Act, 29 U.S.C. â€”A 2101-2109 (the â€œWARN Actâ€), which requires advance notice before certain types of plant closings and mass layoffs. Plaintiff alleges that Defendants failed to give proper advance notice of a mass layoff in violation of the WARN Act. Plaintiffs seek backpay, medical expenses, attorneyâ€™s fees and statutory penalties in an unspecified amount. Microvast, Inc., a subsidiary of the Company, has been named as a defendant in a contract dispute litigation filed in Montgomery County Chancery Court for the State of Tennessee under the caption DPR Construction, GP vs. Microvast, Inc., et al, Case No. CD-24-31 (Tenn. Ch.) (filed June 20, 2024). The Plaintiff alleges that the Company failed to pay it for construction work that is performed on a Microvast facility in Tennessee, and seeks damages of \$19,950 in progress billings, the additional sum of \$1,566 being held as retainage on Plaintiff's progress billings under the contract, lost profits on the work yet to be performed under the contract plus certain fees and expenses, and foreclosure on the facility to satisfy the payment allegedly owed. The Parties entered into a settlement agreement and this matter has been stayed by order of the court. Microvast, Inc. has been named as a defendant in a contract dispute litigation filed in Montgomery County Chancery Court for the State of Tennessee under the caption Faith Technologies, Inc. Microvast, Inc. et al, Case No. CD-24-36 (Tenn. Ch.) (filed on July 15, 2024). Plaintiff asserts claims for damages related to its subcontract with DPR Construction, GP under which Plaintiff provided fire protection system services on a Microvast facility in Tennessee, and seeks damages of \$1,699 plus cost of court and attorneys and prejudgment interest. Microvast, Inc. has been named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Bernhard MCC v. Hodess Cleanroom Construction, LLC, Hodess Construction Corporation, Microvast, Inc., and The Industrial Development Board of the County of Montgomery, Case No. CD-24-26 (Tenn. Ch.) (filed on May 28, 2024) brought by a subcontractor on the Microvast Facility in Tennessee for lien enforcement of \$2,173. On October 10, 2024, this case was dismissed with prejudice. Microvast, Inc. was named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Bernhard MCC, LLC. vs. U.S. Engineering Innovations, LLC, DPR Construction, Microvast, Inc. and the Industrial Development Board of the County of Montgomery, Case No. CD-24-27 (Tenn. Ch.) (filed on May 28, 2024) brought by a subcontractor on the Microvast Facility in Tennessee for lien enforcement of \$5,681. The Parties entered into a settlement agreement and this matter has been stayed by order of the court. Microvast, Inc. was named as a defendant in an action filed in Montgomery County Chancery Court for the State of Tennessee under the caption Virginia Transformer Corp. v. Microvast, Inc. and the Industrial Development Board of the County of Montgomery, Tennessee, Case No. RE-24-32 (Tenn. Ch.) (filed on July 01, 2024) brought by a prime contractor on the Microvast Facility in Tennessee for lien enforcement of \$1,769. The Parties entered into a settlement agreement and a motion to stay will be filed with the court. Litigation-continuedOther Matters-continuedThe Group is also involved in other litigation, claims, and proceedings. The Group evaluates the status of each legal matter and assesses the potential financial exposure. If the potential loss from any legal proceedings or litigation is considered probable and the amount can be reasonably estimated, the Group accrues a liability for the estimated loss. Significant judgment is required to determine the probability of a loss and whether the amount of the loss is reasonably estimated. As of September 30, 2024 and December 31, 2023, based on the information currently available, the Group believes that any loss contingencies that may arise as a result of currently pending legal proceedings cannot be accurately quantified at this time and thus cannot determine whether they will have a material adverse effect on the Groupâ€™s business, results of operations, financial condition, and cash flows. Capital commitmentsCapital commitments for construction of property and purchase of property, plant and equipment were \$42,074 as of September 30, 2024. Purchase CommitmentsPurchase commitments for non-cancelable contractual obligations primarily related to purchases of inventory were \$52,262 as of September 30, 2024. Pledged assetsOther than those disclosed in Note 7, the Group may pledge certain assets to banks to secure the issuance of bank acceptance notes for the Group. As of September 30, 2024, notes receivable from customers in the amount of \$4,299, together with certain of our machinery and equipment with a carrying value of \$25,729 has been pledged to secure the issuance of such notes. LiensAs of September 30, 2024, the Company had received \$35,656 of liens. X - ReferencesNo definition available. + Details Name: us-gaap\_CommitmentsAndContingencies DisclosureAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/405/30/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef> -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482648/440-10-50-4>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482648/440-50-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482648/440-10-50-4>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/440/tableOfContent> + Details Name: us-gaap\_CommitmentsAndContingencies DisclosureTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 35 R24.htm IDEA: XBRL DOCUMENT v3.24.3 SUBSEQUENT EVENTS 9 Months Ended Sep. 30, 2024 Subsequent Events [Abstract] A SUBSEQUENT EVENTS SUBSEQUENT EVENTS Subsequent funding activitiesFrom third quarter end to the date of issuance of the financial statements in this Report, the Company received \$3,297 of short-term bank borrowings and \$6,665 of long-term bank borrowings. Subsequent settlement agreements with creditorsSubsequent to September 30, 2024, and up to the issuance date of these financial statements, the Group has entered into several settlement agreements with certain suppliers with payables totaling approximately \$4,346 as of September 30, 2024. Under these agreements, the group has received concessions that forgive certain contractually owed amounts and allow for deferred payment schedules. Through these settlements, a total payable concession of approximately \$1,036 was achieved, resulting in a net settlement of \$3,310. The remaining balances will generally be paid in monthly installments over the next twelve months. The Group is currently assessing the accounting impact of these settlements. X - ReferencesNo definition available. + Details Name: us-gaap\_SubsequentEventsAbstract Namespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for significant events or transactions that occurred after the balance sheet date through the date the financial statements were issued or the date the financial statements were available to be issued. Examples include: the sale of a capital stock issue, purchase of a business, settlement of litigation, catastrophic loss, significant foreign exchange rate changes, loans to insiders or affiliates, and transactions not in the ordinary course of business. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 855 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/855/03/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef> -Topic 855 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483399/855-10-50-2> + Details Name: us-gaap\_SubsequentEventsTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 36 R25.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES (Policies) 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] A Basis of presentation Basis 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 (â€œU.S. GAAPâ€) 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 Companyâ€™s audited consolidated financial statements for the period ended December 31, 2023 included in the Companyâ€™s Annual Report on Form 10-K filed with the SEC on April 1, 2024, which provides a more complete discussion of the Companyâ€™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 Groupâ€™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. Use of estimates Significant accounting estimates reflected in the Groupâ€™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. Consolidation All intercompany transactions and balances have been eliminated upon consolidation. Emerging Growth Company Emerging Growth CompanyPursuant to the JOBS Act, an emerging growth company (the â€œEGCâ€) 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 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. 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 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 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 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. Assets held for sale 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. Convertible loan with shareholder 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 14. 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 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 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 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 in whole and not in part, at a price of \$0.01 per warrant, upon not less than 30 days prior written notice of redemption, 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, if, and only if, there is a current registration statement in effect with respect to the shares of Common Stock underlying the warrants. X - Definition Assets Held For Sale, Policy + References No definition available. + Details Name: mvst\_AssetsHeldForSalePolicyPolicyTextBlock Namespace Prefix: mvst\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst\_DebtInstrumentTermDescriptionPolicyPolicyTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst\_EmergingGrowthCompanyPolicyTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst\_PublicWarrantsPolicyTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: mvst\_WarrantLiabilityPolicyTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - Definition Disclosure 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). + References No definition available. + Details Name: us-gaap\_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure 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. + References Reference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483426/235/10-50-4> Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810/10-50-1> + Details Name: us-gaap\_ConsolidationPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure 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). + References No definition available. + Details Name: us-gaap\_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure 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). + References No definition available. + Details Name: us-gaap\_AccountingStandardsCodification -Section 50 -Paragraph 1 -Topic 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482338/360/10-05-4> + Details Name: us-gaap\_ImpairmentOrDisposalOfLongLivedAssetsPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure of accounting policy for leasing arrangement entered into by lessee. + References Reference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Topic 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481544/470/10-50-1> + Details Name: us-gaap\_DebtPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure of accounting policy for recognizing and measuring the impairment of long-lived assets. An entity also may disclose its accounting policy for long-lived assets to be sold. This policy excludes goodwill and intangible assets. + References Reference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 2 -Subparagraph (SAB Topic 5.CC) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480091/360/10-S99-2> Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 05 -Paragraph 4 -SubTopic 10 -Topic 360 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482338/360/10-05-4> + Details Name: us-gaap\_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - Definition Disclosure of accounting policy for revenue. Includes revenue from contract with customer and from other sources. + References Reference 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(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481934/946/220-S99-1> Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483426/235/10-50-4> Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -SubTopic 10 -Topic 275 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482861/275/10-50-1> Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 275 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482861/275/10-50-1> Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482861/275/10-50-1> Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Name Accounting Standards Codification -Section 50 -Paragraph 12 -SubTopic 10 -Topic 275 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482861/275/10-50-1> Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 275 -SubTopic 10 -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482861/275/10-50-8> + Details Name: us-gaap\_UseOfEstimates Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 37 R26.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES (Tables) 9 Months Ended Sep. 30, 2024 Accounting Policies [Abstract] A 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 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906

(6)Recoveries of credit lossesâ€”Â 121Â Exchange difference147Â (20)29Â (182)Balance at end of the period\$3,832Â \$3,242Â \$3,832Â \$3,242Â X - DefinitionSchedule of Accounts Receivable + ReferencesNo definition available. + Details Name: mvst\_ScheduleOfAccountsReceivableTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type 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:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_ReceivablesAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type 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 Disclosure [Abstract] A Schedule of Inventories Inventories consisted of the following:September 30,2024December 31,2023Work in process10,443Â \$86,379Â Raw materials36,704Â 35,867Â Finished goods18,622Â 27,503Â Total\$157,769Â \$149,749Â X - ReferencesNo definition available. + Details Name: us-gaap\_InventoryDisclosureAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type 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-S99-1>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(6)(c)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 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:textBlockItem Type 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\$8,151Â \$13,738Â Payables for purchase of property, plant and equipment54,318Â 96,350Â Other current liabilities18,112Â 14,312Â Accrued payroll and welfare4,445Â 8,089Â Accrued expenses6,118Â 6,224Â Interest payable1,429Â 41Â Other tax payable8,415Â 7,117Â Operating lease liabilities, current3,214Â 2,413Â Total\$104,202Â \$148,284Â X - ReferencesNo definition available. + Details Name: mvst\_AccruedExpensesAndOtherCurrentLiabilitiesTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_AccruedLiabilitiesAndOtherLiabilitiesAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type 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 was as follows:Three Months EndedSeptember 30, Nine Months EndedSeptember 30,2024202320242023Balance at beginning of the period\$34,184Â \$37,108Â \$35,217Â \$42,060Â Provided during the period4,024Â 3,567Â 10,353Â 9,017Â Utilized during the period(3,970)(7,125)(10,516)(15,635)Exchange difference1,216Â (202)400Â (2,094)Balance at end of the period\$35,454Â \$33,348Â \$35,454Â \$33,348Â Schedule of Warranty Cost September 30,2024December 31,2023Product warranty â€” current\$8,151Â \$13,738Â Product warranty â€” non-current27,303Â 21,479Â Total\$35,454Â \$35,217Â X - ReferencesNo definition available. + Details Name: us-gaap\_ProductWarrantiesDisclosuresAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type 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:textBlockItem Type 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:textBlockItem Type 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 SeptemberÂ 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, 2026\$16,288 (RMB14.3 million)December 10, 2026\$26,250 (RMB184.2 million)Schedule of Bank Borrowings Changes in bank borrowings are as follows:Â Three Months EndedSeptember 30, Nine Months EndedSeptember 30,Â 2024202320242023Beginning balance\$94,237Â \$49,146Â \$79,153Â \$46,395Â Proceeds from bank borrowings29,911Â 20,70Â 30,373Â 18,439Â Repayments of principal(8,375)(2,347)(31,824)(6,286)Exchange difference3,801Â (349)(1,872Â (2,891)Ending balance\$19,574Â \$55,657Â \$19,574Â \$55,657Â Balance of bank borrowings includes:September 30, 2024December 31, 2023Current\$66,177Â \$35,392Â Non-current53,397Â 43,761Â Total\$119,574Â \$79,153Â Schedule of Banking Facilities and Aggregate Carrying Amount The aggregate carrying amount of the assets pledged by the Group as of SeptemberÂ 30, 2024 and DecemberÂ 31, 2023 are as follows:September 30, 2024December 31, 2023Buildings\$121,302Â \$124,565Â Machinery and equipment65,091Â â€” Land use rights11,902Â 11,984Â Construction in progress348Â â€” Total\$198,643Â \$136,549Â X - ReferencesNo definition available. + Details Name: mvst\_BankBorrowingsAbstract Namespace Prefix: mvst\_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst\_ScheduleOfBankBorrowingsRepaymentTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst\_ScheduleOfBankBorrowingsTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: mvst\_ScheduleOfBankingFacilitiesAndAggregateCarryingAmountTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type 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\$27,303Â \$21,479Â Deferred subsidy income- non-current6,093Â 3,382Â Other non-current payable5,090Â â€” Total\$38,486Â \$24,861Â X - ReferencesNo definition available. + Details Name: mvst\_ScheduleOfOtherNonCurrentLiabilitiesTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_OtherLiabilitiesNoncurrentAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type 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 Huzhou Sainyu\$43,157Â \$43,157Â Total\$43,157Â \$43,157Â X - ReferencesNo definition available. + Details Name: mvst\_BondsPayableAbstract Namespace Prefix: mvst\_Data Type: xbrl:stringItem Type 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:textBlockItem Type 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€œeBLMâ€) 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\$0.25A Exercise price\$11.50Â Expected term (years)1.82Volatility96.27A %Risk-free interest rate3.64Â %Dividend rate0.00Â % X - ReferencesNo definition available. + Details Name: mvst\_ScheduleOfUnderTheBinomialLatticeModelBLMThatAssumesOptimalExerciseOfTheCompaniesRedemptionOptionTableTextBlock Namespace Prefix: mvst\_Data Type: dtr-types1:textBlockItem Type Balance Type: na Period Type: duration X - DefinitionWarrants [Abstract] + ReferencesNo definition available. + Details Name: mvst\_WarrantsAbstract Namespace Prefix: mvst\_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration Sep. 30, 2024 Fair Value Disclosures [Abstract] A Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis As of SeptemberÂ 30, 2024 and DecemberÂ 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 SeptemberÂ 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\$63,585Â â€”Â â€”Â \$63,585Â Restricted cash51,382Â â€”Â â€”Â 51,382Â Total financial asset\$114,967Â â€”Â â€”Â 114,967Â Warrant liabilityâ€”Â â€”Â \$1Â \$1A Convertible loan with shareholder measured at fair valueâ€”Â â€”Â 24,423Â 24,423Â Total financial liabilityâ€”Â â€”Â \$24,424Â \$24,424Â Fair Value Measurement as of DecemberÂ 31, 2023Quoted Prices in Active Market for Identical Assets (Level 1)Significant Other Observable Inputs (Level 2)Significant Unobservable Inputs (Level 3)TotalCash and cash equivalents\$44,541Â â€”Â â€”Â \$44,541Â Restricted cash43,648Â â€”Â â€”Â 43,648Â Total financial asset\$88,189Â â€”Â â€”Â \$88,189Â Warrant liabilityâ€”Â â€”Â \$67Â \$67Â Total financial liabilityâ€”Â â€”Â \$67Â \$67Â Schedule of Reconciliation of the Beginning and Ending Balances for Level 3 Warrant Liability The following is a reconciliation of the beginning and ending balances for Level 3 warrant liability during the nine months ended SeptemberÂ 30, 2024 and 2023:Nine Months Ended September 30,20242023Balance at the beginning of the period\$67Â \$126Â Changes in fair value(66)25Â Balance at end of the period\$1Â \$151Â The following is a reconciliation of the beginning and ending balances for Level 3 convertible loan with shareholder during the nine months ended SeptemberÂ 30, 2024:Nine Months Ended September 30, 2024Balance at the beginning of the periodâ€”Â â€”Â Issuance of convertible loan with shareholder25,944Â Interest paid during the period(347)Changes in fair value(1,174)Balance at end of the period\$24,423Â X - ReferencesNo definition available. + Details Name: us-gaap\_FairValueDisclosuresAbstract Namespace Prefix: us-gaap\_Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the fair value measurement of liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of liability. + 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>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2>Reference 3: <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\_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTableTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - DefinitionTabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). + ReferencesReference 1: <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 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -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 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -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> + Details Name: us-gaap\_ScheduleOffairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 47 R36.htm IDEA: XBRL DOCUMENT v3.24.3 LEASES (Tables) 9 Months Ended Sep. 30, 2024 Leases [Abstract] A Supplemental Cash Flow Information Related to Leases Supplemental cash flow information of the leases were as follows:Nine months ended SeptemberÂ 30, 2024Cash payments for operating leases\$2,518Â Right-of-use assets obtained in exchange for new operating lease liabilities\$2,258Â Summary of the Annual Undiscounted Cash Flows for Lease Liabilities Maturity Analysis The following is a maturity analysis of the annual undiscounted cash flows for lease liabilities as of SeptemberÂ 30, 2024:As of SeptemberÂ 30, 2024Three months period ending December 31, 2024\$1,347Â 2025\$3,781Â 2026\$2,917Â 2027\$2,458Â 2028\$1,873Â 2029\$1,681Â Thereafter10,227Â Total future lease payments\$24,284Â Less: Imputed interest(\$4,744)Present value of operating lease liabilities\$19,540Â X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/214748964/842-20-50-6> + Details Name: us-gaap\_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap\_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 48 R37.htm IDEA: XBRL DOCUMENT v3.24.3 SHARE-BASED PAYMENT (Tables) 9 Months Ended Sep. 30, 2024 Share-Based Payment Arrangement [Abstract] A Schedule of Stock Option Activity Plan 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 \$5.69Â Expected terms (years) 1.25Volatility 85.66Â %Risk-free interest rate 5.00Â %Expected dividend yields 0.00Â %Fair value of options granted \$0.0035Â Schedule of Effective Time Fair Value of the Stock Options was Determined Using the BLM Stock options activity for the nine months ended SeptemberÂ 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, 2023\$2,876,682Â 6.01Â 4.73Â 5.7Forfeited(1,521,350)4.60Â 3.18Â 4.80Â 5.0Expected to vest and exercisable as of SeptemberÂ 30, 2024\$31,355,332Â 6.08Â 4.80Â 5.0Exercisable as of SeptemberÂ 30, 2024\$0,088,665Â 6.14Â 4.89Â 5.1Outstanding as of December 31, 2023\$0,091,071Â 6.08Â 4.80Â 5.6Grant64,000Â 1.77Â 1.18Â Forfeited(895,706)5.02Â 3.64Â Outstanding as of SeptemberÂ 30, 2023\$35,365Â 6.03Â 4.76Â 5.6Expected to vest and exercisable as of SeptemberÂ 30, 2023\$35,365Â 6.03Â 4.76Â 5.6Exercisable as of SeptemberÂ 30, 2023\$0,088,665Â 6.14Â 4.90Â 5.5Schedule Non-vested Shares Activity Activity on the CRSUs for the nine months ended SeptemberÂ 30, 2024 and 2023 was as follows:Number onNon-VestedShares Weighted Average Grant Date Fair Value per Share (U.S.\$)Outstanding as of December 31, 2023,665,014Â 2.29Â Vested(6,665,014)2.29Â Outstanding as of September 30, 2024â€”A Outstanding as of December 31,





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/1943274/2147479654/326/10-65-5Reference 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/1943274/2147480528/815/20-65-6Reference 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/1943274/2147480528/815/20-65-6Reference 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/1943274/2147480528/815/20-65-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815/20-65-6Reference 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/1943274/2147480528/815/20-65-6Reference 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/1943274/2147480528/815/20-65-6Reference 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/1943274/2147479343/105/10-65-6Reference 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/1943274/2147479343/105/10-65-6Reference 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/1943274/2147480016/944/40-65-2Reference 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/1943274/2147480016/944/40-65-2Reference 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/1943274/2147482615/740/10-65-8Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740/10-65-8Reference 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 https://asc.fasb.org/1943274/2147479654/326/10-65-4Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250/10-50-1Reference 28: 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/1943274/2147480175/815/40-65-1Reference 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/1943274/2147483443/250/10-50-7Reference 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/1943274/2147482765/220/10-50-5Reference 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/1943274/2147481674/830/30-50-1Reference 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/1943274/2147481694/830/30-45-17Reference 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/1943274/2147481694/830/30-45-20Reference 34: 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 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/214747809/946/205-45-3Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946/505-50-3Reference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946/210-S99-1Reference 38: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946/210-S99-2Reference 39: http://www.xbrl.org/2009/role/CommonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946/220-S99-3Reference 40: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946/220-S99-3Reference 41: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946/220-S99-3Reference 42: http://www.xbrl.org/2003/role/disclosureRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1Reference 43: http://www.xbrl.org/2009/role/CommonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 44: http://www.xbrl.org/2009/role/CommonPracticeRef -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 45: http://www.xbrl.org/2009/role/CommonPracticeRef -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 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/1943274/2147481231/810-10-45-15Reference 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/1943274/2147481231/810-10-45-16Reference 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/1943274/2147481175/810-10-55-41Reference 49: http://www.xbrl.org/2009/role/CommonPracticeRef -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: xrbl:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap\_SubsequentEventTypeAxis=us-gaap\_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_BalanceType: Period Type: mvst\_GoodsServicesAndMaterialsMember 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: XML 52 R41.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Disaggregation of Revenue (Details) - USD (\$ ) in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Significant Accounting Policies [Line Items] Á Á Á Revenue \$ 101,388 \$ 80,116 \$ 266,414 \$ 202,042 Peopleâ's Republic of China ("PRC") Á Á Á Significant Accounting Policies [Line Items] Á Á Á Revenue 28,716 36,289 89,190 115,023 Other Asia & Pacific countries Á Á Á Significant Accounting Policies [Line Items] Á Á Á Revenue 10,550 24,611 36,215 46,280 Asia & Pacific Á Á Á Significant Accounting Policies [Line Items] Á Á Á Revenue 39,266 60,900 125,405 161,303 Europe Á Á Á Significant Accounting Policies [Line Items] Á Á Á Revenue 59,479 19,034 135,145 38,556 U.S. Á Á Á Significant Accounting Policies [Line Items] Á Á Á Revenue \$ 2,643 \$ 182 \$ 5,864 \$ 2,183 X - ReferencesNo definition available. + Details Name: mvst\_SignificantAccountingPoliciesLineItems Namespace Prefix: mvst\_Data Type: xrbl:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: 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/1943274/2147482810/280-10-50-41Reference 2: 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 3: 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 4: 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/1943274/2147482810/280-10-50-32Reference 5: 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/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section 99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: 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/1943274/2147482810/280-10-50-30Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: 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/1943274/2147482810/280-10-50-40Reference 12: 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/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 +Details Name: us-gaap\_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap\_Data Type: xrbl:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap\_BalanceType: Period Type: mvst\_StatementGeographicalAxis=mvst\_GoodsServicesAndMaterialsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_BalanceType: Period Type: mvst\_StatementGeographicalAxis=mvst\_OtherAsiaAndPacificCountriesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_BalanceType: Period Type: mvst\_EuropeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_BalanceType: Period Type: mvst\_AssetType: Period Type: XML 53 R42.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Contract Balances (Details) - USD (\$ ) in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2023 Accounting Policies [Abstract] Á Á Á Revenue recognized \$ 883 \$ 1,191 \$ 4,208 \$ 2,485 X - DefinitionIt represent revenue related to contract balance. + ReferencesNo definition available. + Details Name: mvst\_RevenueRelatedToContractsBalance Namespace Prefix: mvst\_Data Type: xrbl:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_BalanceType: Period Type: duration XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Operating Leases (Details) - USD (\$ ) in Thousands Sep. 30, 2024 Dec. 31, 2023 Accounting Policies [Abstract] Á Á Operating lease right-of-use assets \$ 19,468 \$ 19,507 Present value of operating lease liabilities 19,540 Á Operating lease liabilities, current \$ 3,214 \$ 2,413 X - ReferencesNo definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_BalanceType: Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.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: xrbl:monetaryItemType Balance Type: credit Period Type: instant XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Impairment of long-lived assets (Details) - USD (\$ ) in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2023 Accounting Policies [Abstract] Á Á Impairment loss from long-lived asset \$ 12 \$ 422 \$ 64,924 \$ 473 Gains on restructuring of debt \$ 7,709 A A X - ReferencesNo definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_BalanceType: Period Type: duration X - DefinitionFor a debtor, the aggregate gain (loss) recognized on the restructuring of payables arises from the difference between the book value of the debt before the restructuring and the fair value of the payments on the debt after restructuring is complete. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 +Details Name: us-gaap\_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap\_BalanceType: debit Period Type: instant XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Operating Leases (Details) - USD (\$ ) in Thousands Sep. 30, 2024 Sep. 30, 2023 Accounting Policies [Abstract] Á Á Operating lease right-of-use assets \$ 19,468 \$ 19,507 Present value of operating lease liabilities 19,540 Á Operating lease liabilities, current \$ 3,214 \$ 2,413 X - ReferencesNo definition available. + Details Name: us-gaap\_BalanceType: Period Type: duration X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.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\_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap\_Data Type: xrbl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 +Details Name: us-gaap\_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap\_BalanceType: debit Period Type: instant XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Impairment of long-lived assets (Details) - USD (\$ ) in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2023 Accounting Policies [Abstract] Á Á Impairment loss from long-lived asset \$ 12 \$ 422 \$ 64,924 \$ 473 Gains on restructuring of debt \$ 7,709 A A X - ReferencesNo definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_BalanceType: Period Type: duration X - DefinitionFor a debtor, the aggregate gain (loss) recognized on the restructuring of payables arises from the difference between the book value of the debt before the restructuring and the fair value of the payments on the debt after restructuring is complete. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-1 +Details Name: us-gaap\_ImpairmentOfLongLivedAssetsToBeDisposedOf Namespace Prefix: us-gaap\_BalanceType: debit Period Type: duration XML 56 R45.htm IDEA: XBRL DOCUMENT v3.24.3 SIGNIFICANT ACCOUNTING POLICIES - Convertible loan with shareholder (Details) - USD (\$ ) in Thousands 3 Months Ended Sep. 30, 2024 Sep. 30, 2024 Accounting Policies [Abstract] Á Á Net gain (loss) within net earnings (loss) \$ 2,764 \$ 1,174 X - DefinitionGain (Loss) on Convertible Debt And Warrants + ReferencesNo definition available. + Details Name: mvst\_GainLossOnConvertibleDebtAndWarrants Namespace Prefix: mvst\_BalanceType: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap\_AccountingPoliciesAbstract Namespace Prefix: us-gaap\_BalanceType: credit Period Type: duration XML 57 R46.htm IDEA: XBRL DOCUMENT v3.24.3 ACCOUNTS RECEIVABLE - Schedule of Accounts Receivable (Details) - USD (\$ ) in Thousands Sep. 30, 2024 Dec. 31, 2023 Receivables [Abstract] Á Á Accounts receivable \$ 125,371 \$

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>Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-1> + Details Name: us-gaap\_AccountsReceivableGrossCurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit 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\_AccountsReceivableNetCurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current + 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(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 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481962/310-10-50-4> + Details Name: us-gaap\_AllowanceForDoubtfulAccountsReceivableCurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap\_ReceivablesAbstractNamespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 58 R47.htm IDEA: XBRL DOCUMENT v3.24.3 ACCOUNTS RECEIVABLE - Schedule of Allowance for Credit Losses (Details) - USD (\$ ) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Financing Receivable, Allowance for Credit Loss [Roll Forward] A A A Balance at beginning of the period \$ 4,679 \$ 3,468 \$ 4,571 \$ 4,407 Reversal of expenses (992) (206) (237) (1,038) Write off (2) (0) (531) (66) Recoveries of credit losses 0 0 0 121 Exchange difference 147 (20) (29) (182) Balance at end of the period \$ 3,832 \$ 3,242 \$ 3,832 \$ 3,242 X - DefinitionAccounts Receivable, Exchange Difference + ReferencesNo definition available. + Details Name: mvst\_AccountsReceivableExchangeDifferenceNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAccounts receivable Write off. + ReferencesNo definition available. + Details Name: mvst\_AccountsReceivableWriteOffNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: mvst\_AllowanceForDoubtfulAccountReceivableNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of increase in allowance for credit loss on accounts receivable, from recovery. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479319/326-20-50-13> + Details Name: us-gaap\_AllowanceForDoubtfulAccountsReceivableRecoveriesNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration 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\_FinancingReceivableAllowanceForCreditLossesRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na 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>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> + 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: <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>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 59 -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 - 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: <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>Reference 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: <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>Reference 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)(3)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_InventoryWorkInProcessNetOfReservesNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 60 R49.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES, NET - Narrative (Details) - USD (\$ ) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Inventory Disclosure [Abstract] A A A Provision for obsolete inventories \$ 1,295 \$ 0 \$ 3,032 \$ 928 X - ReferencesNo definition available. + Details Name: us-gaap\_InventoryDisclosureAbstractNamespace Prefix: us-gaap\_Data Type: xbrli:stringItemType Balance Type: na 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. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/214748380/330-10-50-2> + Details Name: us-gaap\_InventoryWriteDownNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 61 R50.htm IDEA: XBRL DOCUMENT v3.24.3 ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES - Schedule of Accrued Expenses and Other Current Liabilities (Details) - USD (\$ ) \$ in Thousands Sep. 30, 2024 Dec. 31, 2023 Accrued Liabilities and Other Liabilities [Abstract] A A Product warranty, current \$ 8,151 \$ 13,738 Payables for purchase of property, plant and equipment 54,318 96,350 Other current liabilities 18,112 14,312 Accrued payroll and welfare 4,445 8,089 Accrued expenses 6,118 6,224 Interest payable 1,429 41 Other tax payable 8,415 7,117 Operating lease liabilities, current 3,214 2,413 Total \$ 104,202 \$ 148,284 X - DefinitionAccrued Expense And Other Liabilities, Current + ReferencesNo definition available. + Details Name: mvst\_AccruedExpenseAndOtherLiabilitiesCurrentNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: mvst\_AccruedPayrollAndWelfareNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe amount of payables for purchase of property plant and equipment. + ReferencesNo definition available. + Details Name: mvst\_PayablesForPurchaseOfPropertyPlantAndEquipmentNamespace Prefix: mvst\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for real and property taxes. + ReferencesReference 1: <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>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(15)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1> + Details Name: us-gaap\_InventoryWorkInProcessNetOfReservesNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 60 R49.htm IDEA: XBRL DOCUMENT v3.24.3 INVENTORIES, NET - Narrative (Details) - USD (\$ ) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Inventory Disclosure [Abstract] A A A Provision for obsolete inventories \$ 1,295 \$ 0 \$ 3,032 \$ 928 X - ReferencesNo definition available. + Details Name: us-gaap\_InventoryDisclosureAbstractNamespace 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 and payable for real and property taxes. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1> + Details Name: us-gaap\_AccrualForTaxesOtherThanIncomeTaxesCurrentAndNoncurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap\_AccruedLiabilitiesAndOtherLiabilitiesAbstractNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. + 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(15)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1> + Details Name: us-gaap\_AccruedInterestPayableCurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of [accrued] interest payable on all forms of debt, including trade payables, that has been incurred and is unpaid. 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(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_InterestPayableCurrentNamespace 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, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1> + Details Name: us-gaap\_OperatingLeaseLiabilityCurrentNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities 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>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>Reference 3: <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\_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. 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: <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 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>Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -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> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of decrease in standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_ProductWarrantyAccruedPaymentsNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in the standard and extended product warranty accrual from warranties issued. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_ProductWarrantyAccruedPaymentsNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase in the standard and extended product warranty accrual from warranties issued. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of decrease in standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -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\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(6) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(7) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(8) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(9) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(10) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(11) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(12) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(13) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(14) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_MovementInStandardAndExtendedProductWarrantyIncreaseDecreaseRollForwardNamespace Prefix: us-gaap\_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in the standard and extended product warranty accrual from payments made in cash or in kind to satisfy claims under the terms of the standard and extended product warranty. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (c)(15) -Publisher FASB -URI [https://asc.fasb.org/1943274/21](https://asc.fasb.org/1943274/2147482425/460-10-50-8)

currency translation gain (loss) which decreases (increases) the standard and extended product warranty accrual. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](http://www.xbrl.org/2009/role/commonPracticeRef-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\_StandardAndExtendedProductWarrantyAccrualForeignCurrencyTranslationGainLoss Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: duration XML [63\\_R52.htm](63_R52.htm) IDEA: XBRL DOCUMENT v3.24.3 PRODUCT WARRANTY - Schedule of Warranty Cost (Details) - USD (\$) \$ in Thousands Sep. 30, 2024 Dec. 31, 2023 Product Warranties Disclosures [Abstract] A Product warranty â current \$ 8,151 \$ 13,738 Product warranty â non-current 27,303 21,479 Total \$ 35,454 \$ 35,217 X - DefinitionValue of product warranty including current and non current. + ReferencesNo definition available. + Details Name: mvst\_ProductWarrantyTotal Namespace Prefix: mvst\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap\_ProductWarrantiesDisclosuresAbstract Namespace Prefix: us-gaap\_Data Type: xbri: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. 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: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](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://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](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://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](http://www.xbrl.org/2009/role/commonPracticeRef-Topic_460) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Subparagraph (c)(5) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482425/460-10-50-8> + Details Name: us-gaap\_ProductWarrantyAccrualClassifiedCurrent Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and due after one year (or beyond the operating cycle if longer) for estimated claims under standard and extended warranty protection rights granted to customers. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](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-S99-1> Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](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://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](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\_ProductWarrantyAccrualNoncurrent Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and due after one year (or beyond the operating cycle if longer) for estimated claims under standard and extended warranty protection rights granted to customers. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](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-S99-1> Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](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://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_460](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\_ProductWarrantyAccrualNoncurrent Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred through that date and due after one year (or beyond the operating cycle if longer) for estimated claims under standard and extended warranty protection rights granted to customers. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](http://fasb.org/us-gaap/role/ref/legacyRef-Topic_210) -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1> Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_235](http://www.xbrl.org/2003/role/disclosureRef-Topic_235) -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-3> Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 5: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_470](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/1943274/2147481568/470-20-55-69> Reference 6: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_470](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/1943274/2147481568/470-20-55-69> Reference 7: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_470](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/1943274/2147481568/470-20-55-69> Reference 8: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_470](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/1943274/2147481139/470-20-50-1> Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 11: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_470](http://www.xbrl.org/2003/role/exampleRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (h) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (j) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (k) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (l) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (m) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 20: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (n) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 21: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (o) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (p) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 23: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (q) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 24: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (r) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 25: [http://www.xbrl.org/2003/role/disclosureRef-Topic\\_470](http://www.xbrl.org/2003/role/disclosureRef-Topic_470) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Subparagraph (s) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481139/470-20-50-1> Reference 26: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_835](http://www.xbrl.org/2009/role/commonPracticeRef-Topic_835) -SubTopic 30 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482925/835-30-45-2> Reference 27: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_835](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/1943274/2147482900/835-30-51-1> + Details Name: us-gaap\_DebtInstrumentLineItems Namespace Prefix: us-gaap\_Data Type: xbri:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of interest capitalized during the period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_835](http://www.xbrl.org/2003/role/exampleRef-Topic_835) -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483013/835-20-50-1> + Details Name: us-gaap\_InterestCostsCapitalized Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: <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-S99-1> Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_942](http://fasb.org/us-gaap/role/ref/legacyRef-Topic_942) -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147487777/944-210-S99-1> + Details Name: us-gaap\_LineOfCredit Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](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)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap\_LineaOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap\_Data Type: xbri:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe interest rate applicable to the portion of the carrying amount of long-term borrowings outstanding as of the balance sheet date, including current maturities, which accrues interest at a rate subject to change from time to time. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic\\_210](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(17)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic\\_820](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 2: <http://www.xbrl.org/2003/role/disclosureRef-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/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 4: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 5: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(5) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 6: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(6) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 7: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(7) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 8: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(8) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 9: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(9) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 10: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(10) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 11: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(11) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 12: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(12) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 13: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(13) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 14: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(14) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 15: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(15) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 16: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(16) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 17: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(17) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2> Reference 18: [http://www.xbrl.org/2003/role/exampleRef-Topic\\_820](http://www.xbrl.org/2003/role/exampleRef-Topic_820) -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(18) -Publisher FASB -URI <a href="https://asc.fasb.org/1943274/2147482106/820-10-50-







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 having initial or remaining lease term in excess of one year to be paid in remainder of current fiscal year. + ReferencesReference 1: <http://www.xbrl.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\_LesseeOperatingLeaseLiabilityPaymentsRemainingOffFiscalYear 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.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\_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.xbrl.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 Jul. 21, 2021 Sep. 30, 2024 USD (\$) Sep. 30, 2023 USD (\$) shares Sep. 30, 2023 USD (\$) Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A Plan expire date 10 years A A A Exchange ratio 160.3 A A A Reserves percentage 5.00% A A A Stock option A A \$ 856 A Weighted-average period A A A 1 month 6 days A Aggregate intrinsic value A \$ 0 A Compensation cost A A A 2,093 A Share Options A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A Compensation expense A 3,176 \$ 12,713 25,489 \$ 39,768 Capped Non-vested Shares Units A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A Stock-based compensation expense A 312 1,832 2,793 8,378 Restricted Stock Units (RSUs) A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A Compensation expense A 358 577 \$ 1,058 1,536 Granted (in shares) | shares A A A 2,721,624 A Performance Based Restricted Stock Unit (PSU) A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A Compensation expense A \$ 2,463 \$ 880 \$ 971 \$ 2,388 Granted (in shares) | shares A A A 2,680,372 A 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-types1:percentItemType Balance Type: na Period Type: instant X - DefinitionExchange ratio. + ReferencesNo definition available. + Details Name: mvst\_ChangeRatio 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.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479830/718-10-599-1> Reference 2: <http://www.xbrl.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 'PnYnMnDtNnMnS' 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.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480483/718-10-35-2> Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480483/718-10-35-3> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(v) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(vi) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(vii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(viii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 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/1943274/2147480429/718-10-50-2> Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iv) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(v) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(vi) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(vii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(viii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(ix) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(x) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(xi) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(xii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(xiii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(xiv) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> Reference 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(xv) -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: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap\_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap\_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionAt excess of the fair value of the modified award over the fair value of the award immediately before the modification. + ReferencesReference 1: <http://www.xbrl.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 'PnYnMnDtNnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap\_StandyBondPurchaseCommitmentExpirationPeriod 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 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\_ShareOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_AwardTypeAxis=mvst\_CappedNonVestedSharesUnitsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap\_AwardTypeAxis=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] A A Weighted average grant date fair value, grant (in dollars per share) A \$ 1.18 Stock option A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A Exercise price (in dollars per share) \$ 5.69 A Expected term (years) 1 year 3 months A Volatility 85.66% A Risk-free interest rate 5.00% A Expected dividend yields 0.00% A Weighted average grant date fair value, grant (in dollars per share) \$ 0.0035 A 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\_ShareBasedCompensationArrangementByShareBasedPaymentFairValueAssumptionsExpectedDividendRate Namespace Prefix: us-gaap\_Data Type: dtr-types:percentItemType 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.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/1943274/2147480429/718-10-50-2> + Details Name: us-gaap\_ShareBasedCompensationArrangementByShareBasedPaymentFairValueAssumptionsExpectedVolatilityRate 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.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/1943274/2147480429/718-10-50-2> + Details Name: us-gaap\_ShareBasedCompensationArrangementByShareBasedPaymentFairValueAssumptionsRiskFreeInterestRate 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.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 1D -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480483/718-10-35-1> Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35









