





Microvast MV-C Gen 4 (53.5Ah) A turn-key solution tailored for commercial vehicles. Technical Specifications. w w w . mi c r o v ast . c o m. i n q u i r y @ m i cr ov a st. c om. Title: MV-C Gen 4 53.5Ah one pager (8.5 x 11in) Author: neringa_kuolalyte Keywords: DAFbIFjd19A,BAFWtSdXbhQ





The new 48-ah and 53.5-ah NMC cells have been specifically designed to power commercial and special-purpose vehicles. Both new pouch cells are available in the same dimensions and can be integrated into Microvast's new fourth-generation battery packs.



Microvast is renowned for its cutting-edge cell technology and its vertical integration capabilities, which extend from core battery chemistry (cathode, anode, electrolyte, and separator) to battery cells, modules and packs.







The launch of a new product, a 53.5Ah nickel manganese cobalt (NMC) Li-ion cell, has also been well received by both the e-mobility and stationary battery energy storage system (BESS) sectors, the company claimed.



Microvast is a leader in the innovation and technology of lithium-ion (Li-ion) batteries. We design, develop, and manufacture premier battery cells, modules, and packs for transportation, heavy equipment, and utility-scale energy storage systems (ESS).



Unlike our ultra-high-performance nickel manganese cobalt (NMC) batteries which are produced to meet the demands of our commercial vehicle (CV) customers, our new 565Ah LFP batteries are







The 53.5Ah NMC Li-ion pouch cell is known for its impressive energy density of 235Wh/kg, fast charging capabilities, high round trip efficiency, great energy retention and long-life cycles. That's why it's made a splash in the commercial vehicle market since its ???



The 48Ah, 53.5Ah cells and Gen 4 battery packs are available for sample orders immediately. Microvast expects to begin high-volume production in 2023. Key specifications include: Product: MpCO-48Ah HpCO-53.5Ah Energy Density: 205 Wh/kg 235 Wh/kg Pouch Cell: 48Ah NMC 53.5Ah NMC Cycle Life: F FOHV# ? F FOHV# ?





48Ah NMC: Pouch 53.5Ah NMC: Pouch 52Ah NMC: Prismatic 565 Ah LFP: Charging Time: 16min for 80% DOD: 48min for 80% DOD: 30min for Microvast's proprietary BMS 5.0 is the brain of the battery pack, responsible ???



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Microvast's new ESS solutions have been developed for grid-scale energy storage projects using the same proven technology as Microvast's EV batteries, which offer very high energy density, outstanding safety features, and unmatched performance.