



Microvast Unveils Next-Gen Battery Solutions at Smart Energy Week 2025

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STAFFORD, Texas--(BUSINESS WIRE)--Feb. 7, 2025-- Microvast Holdings, Inc. (NASDAQ: MVST) ("Microvast" or the "Company"), a global leader in advanced battery technologies, will unveil its next generation of high-performance, fast-charging battery solutions at Smart Energy Week 2025, a premier international exhibition for renewable energy in Japan, to be held at the Tokyo Big Sight exhibition center from February 19-21, 2025. The event will highlight innovations across hydrogen fuel cells, photovoltaics, energy storage, batteries, smart grids, and wind energy.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250207633244/en/>



Microvast's ME6 BESS. (Graphic: Business Wire)

Microvast's exhibit at Smart Energy Week 2025 will spotlight its advanced battery technologies, emphasizing the Company's core strengths: rapid charging, extended cycle life, superior safety, and seamless system integration. Microvast's products are engineered to provide solutions to a variety of applications, including battery energy storage systems (BESS), commercial vehicles, construction machinery, and specialty vehicles.

Revolutionizing charging times, Microvast's batteries can achieve an 80% state of charge in just 15 minutes under standard power conditions, significantly minimizing operational downtime. Additionally, Microvast's batteries operate across a broad temperature range, ensuring reliable performance even in extreme environments.

Microvast's batteries offer an industry-leading cycle life of up to 8,000 full charge-discharge cycles. This longevity synchronizes with the full operational lifespan of commercial vehicles, supporting over one million kilometers of driving and making them ideally suited for our customers in heavy-duty, high-performance, and demanding applications.

Safety is paramount at Microvast. Our multi-layered safety approach, incorporating advanced separator materials, anode materials, and electrolyte formulations, ensures high energy density without compromising safety. This is validated by certifications from globally recognized standards, including UNECE-R100.3, GB 38031, UL2580, and AIS038.

Microvast offers customized battery solutions tailored to the specific technical requirements of commercial and specialty vehicles. The compact design seamlessly integrates with the fourth-generation MV-B and MV-C battery packs, accommodating the unique operating conditions of off-highway vehicles. These systems can achieve an impressive energy density of 180Wh/kg.

A highlight of the exhibit will be the unveiling of Microvast's groundbreaking ME6 BESS. This industry-first, uniquely overhaulable system, built around a high-performance 565Ah Lithium Iron Phosphate (LFP) battery cell, is engineered to meet the demanding needs of BESS customers.

"Microvast is committed to driving innovation in the new energy industry," said Yang Wu, Founder, Chairman and CEO of Microvast. "Our presence at Smart Energy Week 2025 underscores our dedication to providing innovative battery solutions that address the evolving needs of the market. We are confident that our advanced technology and innovative products will continue to contribute significantly to the development of a sustainable future."

"We continue to push the boundaries of battery technology to deliver high-performance, safe, and efficient energy solutions," added Dr. Wenjuan Mattis, CTO of Microvast. "Our latest advancements in materials science and system integration set new benchmarks in the industry. The ME6 BESS is a testament to our innovation, offering a groundbreaking, long-life, and overhaulable energy storage solution that redefines cost-effectiveness and sustainability for our customers."

About Microvast

Microvast is a global leader in providing battery technologies for electric vehicles and energy storage solutions. With a legacy of over 18 years, Microvast has consistently delivered cutting-edge battery systems that empower a cleaner and more sustainable future. The Company's innovative approach and dedication to excellence have positioned it as a trusted partner for customers around the world. Microvast was founded in 2006 and is headquartered in Stafford, Texas.

For more information, please visit www.microvast.com or follow us on LinkedIn (@microvast).

Cautionary Statement Regarding Forward-Looking Statements

This communication contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements about future financial and operating results; our plans, objectives, expectations and intentions with respect to future operations, products and services; and other statements identified by words such as "will likely result," "are expected to," "will continue," "is anticipated," "estimated," "believe," "intend," "plan," "projection," "outlook," or words of similar meaning. These forward-looking statements include, but are not limited to, statements regarding Microvast's industry and market sizes, future opportunities for Microvast, and Microvast's estimated future results. Such forward-looking statements are based upon the current beliefs and expectations of our management and are inherently subject to significant business, economic, and competitive uncertainties, and contingencies, many of which are difficult to predict and generally beyond our control. Actual results and the timing of events may differ materially from the results anticipated in these forward-looking statements.

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