



United States factorial battery

Is factorial energy a solid-state battery manufacturer?

If you think about a US solid-state battery manufacturer, QuantumScape is probably the first company that comes to mind. But Factorial Energy has also been pursuing the solid-state battery dream. This week, it announced the opening of its first commercial scale battery factory in Massachusetts, just south of the New Hampshire border.

Why is factorial energy opening a new battery facility in Massachusetts?

In a press release, Factorial Energy CEO Siyu Huang said, "We are thrilled to open our next generation battery facility in Massachusetts as we scale our batteries for mass production. This facility will enable us to manufacture cells to meet the needs of our automotive partners and progress our mission to commercialize solid state batteries.

Where is factorial battery manufacturing located?

WOBURN, Mass.-- (BUSINESS WIRE)--Factorial Inc. (Factorial), an industry leader in the development of solid-state battery technology for electric vehicle (EV) applications, today announced the opening of its new battery manufacturing facility in the Boston suburb of Methuen, Mass.

What's new at factorial energy?

Solid-state battery developer Factorial Energy announced it has begun operations at its new state-of-the-art facility in Massachusetts. The new facility serves as a key milestone as Factorial looks to scale its solid-state technology for EV implementations.

Does factorial still make batteries?

"Factorial continues to drive the battery industry forward and this milestone is no exception," said Joe Taylor, the executive chairman of Factorial who previously served as the head of Panasonic Corporation of North America. "Automaker demand for American made batteries is high to produce electric or hybrid vehicles that qualify for incentives.

Is factorial preparing for mass production of EV batteries?

With the new facility now operational, Factorial appears to be on the fast track to reach pre-production of solid-state battery technology at volume, setting the stage for eventual mass production and the sale of actual EV models housing the cells. Add Electrek to your Google News feed.

About Factorial Inc. Founded and headquartered in the United States, Factorial is at the cutting edge of solid-state battery technology, developing solutions that offer longer range per charge, increased safety, and cost competitiveness with conventional lithium-ion batteries.

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Factorial Energy announces delivery of A-samples of its 100+Ah solid-state EV battery cells to global automotive partners for testing - a crucial step towards serial production, the 100+Ah lithium-metal battery cells are automotive-sized to meet key performance requirements. This makes this the first global shipment of 100+Ah lithium-metal cells to pass UN 38.3 safety ...

WOBURN, Mass., April 23, 2024--Factorial Inc. (Factorial), an industry leader in the development of solid-state battery technology for electric vehicle (EV) applications, and LG Chem, a global ...

Stellantis is incorporating Factorial's solid-state batteries into a demonstration fleet of all-new Dodge Charger Daytona vehicles based on the STLA Large platform. These EVs will be on the road by...

Founded and headquartered in the United States, Factorial is at the cutting edge of solid-state battery technology, developing solutions that offer longer range per charge, increased safety, and ...

MILAN (Reuters) - Carmaker Stellantis will launch by 2026 a demonstration fleet of vehicles fitted with solid-state batteries from U.S. startup Factorial, the two companies said on Wednesday.

By utilizing Factorial's solid-state battery technology with over 390Wh/kg energy d. ... United States. MBA 30-Yr Mortgage Rate. Dec 18, 2024, 7:00 AM EST. Prior: P: 6.67 . New: N: 6.75 .

Founded in the United States, Factorial is at the forefront of solid-state battery technology, known for providing longer range per charge, increased safety, and cost competitiveness. Stellantis continues to pursue its Dare Forward 2030 plan, which focuses on achieving carbon net-zero emissions by 2038 and advancing its electric vehicle ...

Empowering a Sustainable Future · Factorial develops breakthrough solid-state battery technology to enable safe, scalable, and high-performance cells for electric vehicles. Our portfolio of solid-state innovations includes the segment-leading FEST (Factorial Electrolyte System T ...

By utilizing Factorial's solid-state battery technology with over 390Wh/kg energy density, Stellantis reinforces its commitment to developing high-performing and affordable EVs, both of which ...

Located in the greater Boston area, Factorial's operations remain close to its newly opened R& D facility and corporate headquarters advancing the production of Factorial's solid-state battery...

METHUEN, MA--Factorial Inc. has opened a new \$50 million facility here to produce solid-state batteries for electric vehicles. It plans to scale up production with a 200-megawatt-hour assembly line than will be the largest ...



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Factorial Inc. (Factorial), an industry leader in solid-state battery technology, announced today the company's first Solstice(TM) all-solid-state battery cells have been scaled to achieve a 40Ah capacity. These automotive-relevant sized A-sample cells are manufactured with a novel dry cathode coating process and showcase the impressive energy density announced ...

By utilizing Factorial's solid-state battery technology with over 390Wh/kg energy density, Stellantis reinforces its commitment to developing high-performing and affordable EVs, both of which are central to Stellantis' electrification strategy. ... Founded and headquartered in the United States, Factorial is at the cutting edge of solid ...

Stellantis partners with Factorial to integrate advanced solid-state battery technology into Dodge Charger Daytona EVs, promising enhanced performance and efficiency in next-generation electric vehicles. ... which aims to achieve carbon net-zero status as a mobility tech company by 2038. Factorial, headquartered in the United States, continues ...

On April 23, 2024, Factorial and LG Chem signed a memorandum of understanding to accelerate the development of solid-state battery materials. On October 23, 2023, Factorial opened a new manufacturing facility, investing \$50 million to accommodate the largest solid-state battery production line in the United States.

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Job Description · Job DescriptionEmpowering a Sustainable Future · Factorial develops breakthrough solid-state battery technology to enable safe, scalable, and high-performance cells for electric vehicles. Our portfolio of solid-state innovations includes the segment-leading FEST ...

With A-Sample battery cells now rolling out to OEMs, Factorial has commenced production at a brand new facility in its home state - quite possibly the largest assembly line for the technology in all the United States.



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WOBURN, Mass., September 10, 2024--Factorial Inc. (Factorial), an industry leader in solid-state battery technology, announced today the introduction of Solstice(TM), an all-solid-state battery ...

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AMSTERDAM & WOBURN, Mass., October 23, 2024--Stellantis and Factorial to equip Dodge Charger Daytona EVs with solid-state batteries by 2026, advancing next-gen technology.

Stellantis is incorporating Factorial's solid-state batteries into a demonstration fleet of all-new Dodge Charger Daytona vehicles based on the STLA Large platform. These EVs will be on the road by 2026, representing a ...

Factorial Introduces Solstice(TM), an All-Solid-State Battery with Mercedes-Benz as a Key Customer and Development Partner WOBURN, Mass.--(BUSINESS WIRE)--Factorial Inc. (Factorial), an industry leader in solid-state battery technology, announced today the introduction of Solstice(TM), an all-solid-state battery that can revolutionize the safety, performance, and sustainability of ...

Factorial Inc. (Factorial), an industry leader in the development of solid-state battery technology for electric vehicle (EV) applications, today announced the delivery of A-samples of its 100+Ah solid-state EV battery cells ...

The solid-state battery cells utilize Factorial's proprietary FEST (Factorial Electrolyte System Technology) platform that includes a lithium-metal anode, which is the lightest metal on earth and enables the high energy density of 391Wh/kg. ... Founded and headquartered in the United States, Factorial is developing breakthrough solid-state ...

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