

Stellantis solid state battery





Overview

Backed by its investment in Massachusetts-based Factorial Energy, the automaker has validated full-size solid-state cells with 50% more energy density than today's typical lithium-ion batteries. These FEST® cells will begin showing up in Dodge Charger Daytona EVs as early as 2026.

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Amsterdam and Boston, MA – Stellantis N.V. and Factorial Energy (Factorial) today announced the successful validation of Factorial's automotive-sized FEST® (Factorial Electrolyte System Technology) solid-state battery cells. This achievement marks a significant step forward on the path to bringing.

Stellantis has confirmed a breakthrough in solid-state battery technology that could shift electric vehicle performance standards by mid-decade. Backed by its investment in Massachusetts-based Factorial Energy, the automaker has validated full-size solid-state cells with 50% more energy density.

Stellantis N.V. and Factorial Energy have validated Factorial's automotive-sized FEST® solid-state battery cells, a major milestone for next-generation electric vehicle (EV) batteries. The breakthrough positions Stellantis and Factorial to advance EV performance with lighter, more efficient.

Stellantis and US battery developer Factorial Energy have successfully tested solid-state battery cells in an automotive format. The cells are based on Factorial's proprietary FEST technology, which is designed for fast charging and high energy density. Stellantis and Factorial have been working.

Dodge and Factorial begin solid-state battery tests with production aimed for after 2028. The batteries promise faster charging speeds, higher energy density, and better range. Factorial's tech also offers improved performance even in extreme cold temperatures. Stellantis, and especially its Dodge.



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Stellantis Validates Solid-State Battery Breakthrough for 2026 EV

If Stellantis hits its 2026 timeline, this would mark one of the first commercial solid-state EV deployments in the industry. It's a key signal: solid-state batteries may be ...

Stellantis Validates Solid-State Batteries from Factorial

Stellantis and US battery developer Factorial Energy have successfully tested solid-state battery cells in an automotive format. The cells are based on Factorial's proprietary ...



Stellantis unveils solid-state battery for EVs

With the demonstration fleet on the horizon, Stellantis and Factorial are poised to lead the solid-state battery push, delivering cost-effective, high-range EVs to consumers.

Stellantis Takes Solid-State Batteries From Lab To Road In A ...

Stellantis, and especially its Dodge brand, could really use a win right now. Enter solid-state batteries, the shiny new tech that could provide



just the boost they need.



[Stellantis Validates Solid-State Batteries from ...](#)

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Stellantis and Factorial Energy Reach Key Milestone in Solid ...

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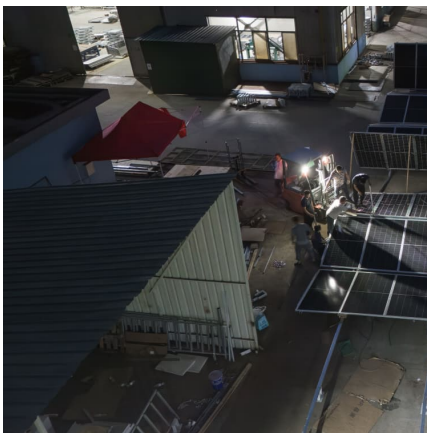
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Stellantis & Factorial Advance Solid-State Battery EV Future

Stellantis and Factorial are taking a significant step toward transforming EV technology. The collaboration aims to accelerate the deployment of solid-state batteries, a ...



These Solid-State EV Batteries Can Recharge in 18 Minutes

Stellantis plans to design a battery pack for the cells as one of the next steps, though timing for mass production remains to be revealed.

Stellantis' & Factorial Energy's Solid-State Batteries Successful

In a move that signals a transformative shift in the electric vehicle landscape, Stellantis N.V. and Factorial Energy announced today the successful validation of automotive ...



[These Solid-State EV Batteries Can Recharge in 18 ...](#)

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Stellantis and Factorial Energy Reach Key Milestone in Solid-State

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[Stellantis Validates Game-Changing Solid-State ...](#)

Stellantis and Factorial Energy have validated a semi-solid state battery cell. The milestone brings the tech one step closer to commercialization.

Stellantis & Factorial Advance Solid-State Battery EV ...

Stellantis and Factorial are taking a significant step toward transforming EV technology. The collaboration aims to accelerate the deployment of solid-state batteries, a promising solution for next-generation EVs.





Stellantis Validates Game-Changing Solid-State Battery After

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Stellantis and Factorial Energy Reach Key Milestone ...

With this achievement, Stellantis will advance its previously announced plan to integrate Factorial's solid-state batteries into a demonstration fleet by 2026.



Stellantis and Factorial Energy Reach Key Milestone in Solid-State

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