

Mercedes semi-solid-state batteries

While the current EQS prototype represents a crucial step forward, Mercedes aims to bring solid-state batteries to its next-generation electric models by the end of the ...

And Mercedes-Benz is at the very pinnacle of that effort. The German giant is already testing its own solid-state batteries for its EVs with a range of over 620 miles (1,000 km) on a...

Road testing has already started. Solid-state batteries promise more range, faster charging times and better fire safety at similar or reduced weight compared to traditional ...

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On Monday, the company announced it has officially put "the first car powered by a lithium-metal solid-state battery on the road" through its partnership with US-based Factorial Energy.

After intensive testing on various test benches, the prototype solid-state battery was integrated into an EQS at the end of 2024. The all-electric car from Mercedes-Benz was slightly modified to fit the solid-state battery and ...

While the current semi-solid-state battery is undergoing testing, Mercedes is already planning its next step: a fully solid-state battery called Solstice. The Solstice battery is ...

Mercedes-Benz is testing a prototype EQS electric sedan fitted with a semi-solid-state battery pack co-developed with its Formula 1 powertrain subsidiary, Mercedes-AMG High Performance...

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Mercedes was the first to integrate a solid-state battery into a production EV platform, too, as it retrofitted the EQS sports sedan with a pack that allows it to cover 620 miles ...



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Mercedes-Benz and Factorial Energy are road-testing semi-solid-state batteries in the EQS sedan, promising a 25% increase in range and improved safety.

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Mercedes is leading the charge with solid-state batteries--lighter, safer, and delivering up to 40% more range. See how this innovation will transform EVs.

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