

Benz solid state battery





Overview

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 was equipped with all.

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February 24, 2025 – Mercedes-Benz engineers from the road and racetrack and Factorial cell engineers have worked together on delivering an all-new solid-state battery test program, which has brought the first car powered by a lithium-metal solid-state battery to the road. Mercedes-AMG High.

Mercedes-Benz is testing the world’s first production EV with a solid-state battery, promising to deliver over 621 miles of driving range. Mercedes hit a big milestone, taking its solid-state EV battery tech from the lab to the real world. On Monday, the company announced it has officially put “the.

Mercedes-Benz and Factorial have announced a partnership to develop a solid-state battery for the EQS. The battery is expected to offer a 25% increase in driving range to 1,000 miles (620 km) and a 40% reduction in charging time. The battery is being developed by the carmaker in collaboration with Factorial.

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 single charge. The new battery technology, which promises increased driving range, quicker charging, and efficiency, is being developed by the carmaker in collaboration with.

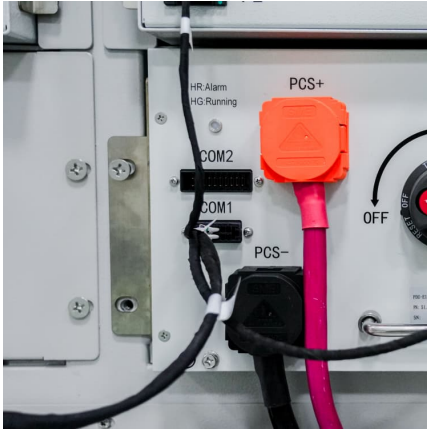
German automotive giant Mercedes-Benz announced says it has begun testing a “worlds first” solid-state battery-powered vehicle from a major OEM, which is expected to be capable of delivering up to 1,000 kilometres of electric driving range. The milestone is the work of Mercedes-Benz engineers from.



Mercedes-Benz engineers from the road and racetrack worked in collaboration with Factorial cell engineers to deliver an all-new solid-state battery test program, resulting in the first car powered by a lithium-metal solid-state battery on the road. Mercedes AMG High Performance Powertrains (HPP), a.



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Mercedes-Benz Pioneers Solid-State Battery EV Technology with ...

Mercedes-Benz successfully integrates solid-state lithium-metal batteries into an EV platform, achieving 621 miles of range. In partnership with Factorial Energy, this ...

[Mercedes-Benz Pioneers Solid-State Battery EV ...](#)

Mercedes-Benz successfully integrates solid-state lithium-metal batteries into an EV platform, achieving 621 miles of range. In partnership with Factorial Energy, this breakthrough boosts energy density, safety, and ...



Next-generation solid-state battery cells , Mercedes ...

Mercedes-Benz and ProLogium, a leader in solid-state batteries, have signed a technology cooperation agreement to develop next-generation battery cells.

Mercedes begins testing solid-state battery that can deliver 1,000 ...

German automotive giant Mercedes-Benz announced says it has begun testing a "worlds first" solid-state battery-powered vehicle from a major OEM, which is expected to be ...



[Passenger car and Formula 1 engineers team up as ...](#)

Together with the motorsport experts from HPP, the Mercedes-Benz Center of Competence for Battery Systems developed a prototype solid-state battery with cells from Factorial that can be integrated into a car for road ...



Next-generation solid-state battery cells , Mercedes-Benz Group

Mercedes-Benz and ProLogium, a leader in solid-state batteries, have signed a technology cooperation agreement to develop next-generation battery cells.



Mercedes-Benz's solid-state EV battery: 620 miles on a charge?

The new battery technology, which promises increased driving range, quicker charging, and efficiency, is being developed by the carmaker in collaboration with US-based ...





Mercedes-Benz testing first ever solid-state battery EV with ...

Mercedes-Benz has begun testing an EQS with lithium-metal solid-state battery technology, a first-of-its-kind vehicle for the automotive sector.



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Passenger car and Formula 1 engineers team up as solid-state battery

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Mercedes tests first solid-state battery EV with +621 miles range

Mercedes-Benz is testing the world's first production EV with a solid-state battery, promising to deliver over 621 miles of driving range. Mercedes solid-state battery ...



Mercedes tests first solid-state battery EV with +621 ...

Mercedes-Benz is testing the world's first production EV with a solid-state battery, promising to deliver over 621 miles of driving range. Mercedes solid-state battery-powered EVs



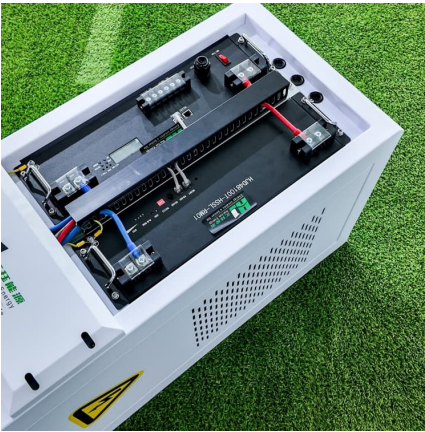
Solid-state battery road tests begin , Mercedes-Benz Group

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Mercedes begins testing solid-state battery that can ...

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[Mercedes-Benz ??????????????????????1,000? ...](#)

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