



Mercedes-benz drives toward solid-state ev batteries

Does Mercedes have a solid-state EV battery?

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 first car powered by a lithium-metal solid-state battery on the road" through its partnership with US-based Factorial Energy.

Will Mercedes-Benz EQs have a solid-state battery?

The solid-state battery is expected to deliver up to 25 per cent more electric range compared to a conventional battery of the same weight and size that normally comes with the Mercedes-Benz EQS. Mercedes-Benz expects that testing will demonstrate the EQS with solid-state battery can achieve over 621 miles of range - or around 1,000 kilometres.

Is Mercedes Benz launching a 'worlds first' battery-powered car?

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.

What is Mercedes' new battery technology?

The new battery technology, which promises increased driving range, quicker charging, and efficiency, is being developed by the carmaker in collaboration with US-based Factorial Energy. Mercedes' first production car to employ such a battery will likely be rolled out by the end of the decade.

Will Mercedes-Benz have semisolid-state batteries in its EVs?

Lawrence Ulrich is an award-winning auto writer and former chief auto critic at The New York Times and The Detroit Free Press. Mercedes-Benz believes it could have semisolid-state batteries in its EVs by the end of the decade. Solid-state batteries remain several years from auto showrooms.

Is Mercedes launching a solid-state battery based on Fest?

Last summer, Factorial delivered its first solid-state battery cells based on its propriety FEST (Factorial Electrolyte System Technology). Mercedes and Factorial took it a step further, revealing the more advanced all-solid-state Solstice battery in September. The new batteries are being co-developed to power Mercedes' next-gen electric models.



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