

The race is on to develop new tech that will change electric cars forever. Solid-state batteries have been touted as the silver bullet for mass electric car adoption and what is needed to ...

Humanoid robots, drones, AVs, and wearables demand safe, energy-dense, fast-charging power, and SSBs are poised to become the default battery architecture for embodied intelligence.

Several Chinese key players in the all-solid-state sector, including BYD, unveiled an ambitious timeline for producing the game-changing battery by 2027, which signals China's determination to lead in next-generation battery ...

Farasis Energy, backed by Mercedes-Benz, announced on July 21 that its solid-state battery development has entered the pilot production and delivery phase, as reported by IT-Home. ...

All-solid-state batteries are inevitable in China, as carmakers and battery makers are making breakthroughs in the technology that promises to rid electric vehicle owners of mileage ...

Solid-state batteries, long heralded as the ideal energy solution for the new energy era with their high energy density, fast charging, and stability advantages, may face significant delays in ...

Chinese battery manufacturer SVOLT Energy plans to begin trial production of its first generation of semi-solid-state batteries with a 140-ampere-hour capacity in the fourth quarter of this year. This information comes from a report by the ...

Solid state batteries (SSBs) have long been anticipated as a significant breakthrough in battery technology. Recent advancements from companies like QuantumScape and Solid Power indicate that ...

Solid-State and Sustainable Batteries The carbon neutrality agenda accelerates the energy storage transition, driving a paradigm shift in the battery technology towards more efficient, ...

Toyota's groundbreaking solid-state battery promises to revolutionize the EV industry with a staggering 745-mile range. Will this be the biggest change in electric vehicles since the frunk ...

Svolt Energy's chairman, Yang Hongxin, announced that trial production of their first-generation 140 Ah semi-solid state batteries is scheduled to begin in the fourth quarter, utilizing their existing mass-production line. These semi-solid ...

Preview of the "Solid-state / Semi-solid Li-ion Battery Innovation & Patent Review", including sections on

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commercially relevant patents, benchmarking and identification of product launch risk factors.

Backed by Chery and Gotion High-Tech, China's Anoa New Energy (ANE) has started producing solid-state battery samples -- and says mass production could begin as early as next year. ...

The Mercedes-Benz-backed battery manufacturer Farasis Energy plans to complete construction of a pilot production line for sulphide-based solid-state batteries by the end of 2025. This line ...

At the recent 2025 China Automotive Forum, Wang Fang, Chief Scientist at China Automotive Technology Research Centre, identified four critical problems that solid-state batteries need to ...

At a media event on July 17, MG brand General Manager Chen Cui confirmed that the new MG4 electric hatchback will be the first mass-market electric vehicle globally to feature a semi-solid-state battery. It will officially debut on August 5.

Electric vehicle makers around the world are speeding up work on solid-state batteries, which are believed to be a game-changing technology that offer shorter charging times and better performance than traditional lithium-ion ...



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