

An anonymous reader quotes a report from Electrek: The "holy grail" of electric vehicle battery tech may be here sooner than you'd think. Mercedes-Benz is testing EVs with solid-state ...

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 ...

QuantumScape, a global leader in next-generation solid-state lithium-metal battery technology, today announced it is expanding the strategic collaboration and licensing arrangement with ...

Automakers and cell producers have recently doubled down on timelines for the commercial production of solid-state batteries. Some of the car giants jostling for pole position in this push ...

Chinese electric vehicle makers are rapidly adopting solid-state batteries in their latest models, with industry experts anticipating full use of this superior solution for the next ...

Developing solid electrolytes with a wide electrochemical window, high ionic conductivity, and facile processability is essential for realizing high-energy-density all-solid-state batteries. In ...

World's First Mass-Produced Semi-Solid-State Battery EV Is Coming, And You Can't Have It originally appeared on Autoblog. China is ahead of the game For most auto enthusiasts, solid-state batteries are viewed as the final hurdle for ...

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 ...

In the Electrek Podcast, we discuss the most popular news in the world of sustainable transport and energy. In this week's episode, we discuss Tesla's disturbing earnings, a new self-driving ...

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.

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 ...

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 ...

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Huawei has filed a patent detailing a sulfide-based solid-state battery design with energy densities between 180 and 225 Wh/lb, roughly two to three times higher than today's typical electric...

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. ...

Semi-solid batteries to power affordable Chinese EVs promising 334-mile range The upcoming MG4 hatchback will be equipped with a 70 kWh semi-solid battery pack to run a rear-mounted ...



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