

# Solid battery news

Are solid-state batteries a new era?

A New Battery Era: Solid-state batteries are revolutionizing the energy storage sector, with key players like Volkswagen, Toyota, and startups like LionVolt leading the charge.

What's happening in the solid-state battery industry?

You can catch up on the latest, must-know breakthroughs, major acquisitions & investments, and other events in the solid-state battery landscape, covering everything from the growing focus on integration with EVs to LionVolt recently raising EUR15 million for a plant. Reignite Growth Despite the Global Slowdown

Are solid-state batteries better than conventional lithium-ion batteries?

In comparison to conventional lithium-ion batteries, solid-state batteries promise to offer quicker charging times, longer lifespans, and safer operation. At the forefront of this technological revolution are corporations such as Volkswagen, Toyota, Nissan, and Harvard, as well as startups like the Dutch company LionVolt.

Are solid-state batteries safe?

Solid-state batteries are also safer, because they can ditch solvents, like ethylene carbonate, typically used for liquid electrolytes, that can catch fire if the battery cell is damaged. Although solid-state batteries are not new, they've yet to be produced at the size and scale needed for electric vehicles.

1 &#0183; Last September, Toyota announced plans for their improved lithium-ion batteries, as well as a "breakthrough" in solid-state battery technology. It's notable, because the company had been resisting its transition to electric ...

From the latest industry events to important partnerships in the field, this quarterly solid-state battery news brief for April, May, and June 2024 provides a comprehensive snapshot of what is happening in the global solid-state battery ...

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