

The latest news on lithium battery energy storage

Global demand for energy storage is surging. Lithium-ion leads today, but new contenders like sodium-ion, flow, and gravity systems are shaping the future grid.

Summary Energy storage could be game changer for lithium - analyst says Demand bolstered by China power sector reforms, data centre boom BEIJING/SINGAPORE, Jan 5 (Reuters) ...

Read the latest research on everything from new longer life batteries and batteries with viruses to a nano-size battery.

A boom in battery storage has bolstered the demand outlook for lithium in 2026, driving hopes for an accelerated turnaround for an industry struggling with oversupply.

Despite achieving energy densities up to 300 Wh/kg, cycle lives exceeding 2000 cycles, and fast-charging capabilities, lithium-ion batteries face significant challenges, including safety risks, ...

A big opportunity for sodium-ion batteries Lithium-ion batteries are the default chemistry used in EVs, personal devices, and even stationary storage systems on the grid today.

Explore the latest news and expert commentary on Lithium-Ion Batteries, brought to you by the editors of Battery Tech

Global battery research is redefining energy storage through new chemistries, safer designs, and scalable technologies worldwide.

Lithium bulls are betting on energy storage systems as the next meaningful pillar of demand for the battery metal, nudging the global market back toward balance after years of oversupply.

An innovative approach to battery materials could bring sodium-ion energy density and charging speeds far closer to those of lithium-ion, scientists say.

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