

Scientists have upgraded lithium-ion battery storage using a rust anode that reaches maximum capacity after 300 charge-discharge cycles.

State-owned energy company Synergy has completed the 500MW/2,400MWh Collie Battery Energy Storage System (CBESS) in Western Australia, establishing Collie as home to ...

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

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

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

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.

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.

Tim Holme breaks down how the pilot line addresses the '13 orders of magnitude' scaling challenge to create a blueprint that partners can follow. A federal ruling and rapid charging ...

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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.

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