

Title: Sodium salt battery energy storage system settled

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In light of escalating lithium prices and supply constraints, SIBs present a viable, sustainable, and secure alternative for the future of energy storage.

By stabilizing a metastable form of sodium solid electrolyte, a new technique creates all-solid-state sodium batteries that retain performance down to subzero temperatures

New sodium-ion batteries are pouring into the global market, with US-based Unigrid among those contending for international energy storage off-takers (cropped, courtesy of Unigrid).

A breakthrough battery technology could vastly improve the safety of batteries used for electric vehicles (EVs) and could enhance the stability of energy grids, scientists say.

In 2025, the scooter manufacturer Yadea launched multiple sodium-ion powered models, supported by battery swapping pilots in cities such as Shenzhen. These developments suggest that ...

A new, large scale iron-sodium energy storage system will be manufactured in the US, helping to support more wind and solar in the grid.

A new battery material developed at UQ's Australian Institute for Bioengineering and Nanotechnology (AIBN) could help bring sodium metal batteries (SMBs) closer to commercial use - and closer to ...

Sodium-ion batteries are promising low-cost alternatives to lithium-ion systems yet limited by underperforming anodes. This Review highlights advances and challenges in hard carbon and ...

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