

# New battery for energy storage

Lithium-ion batteries are pivotal in modern energy storage, driving advancements in consumer electronics, electric vehicles (EVs), and grid energy storage.

What's next for EV batteries in 2026 Expect to see new chemistries hitting the roads, a shifting policy landscape, and a renewed focus on cost and performance.

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.

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

Researchers made the breakthrough while developing solid-state sodium-ion (Na-ion) batteries, which could one day supplement and replace the lithium-ion (Li-ion) batteries used in many ...

This Review discusses the application and development of grid-scale battery energy-storage technologies.

In this article, we will explore cutting-edge new battery technologies that hold the potential to reshape energy systems, drive sustainability, and support the green transition.

Summary: From solid-state to graphene, new battery technologies are emerging to rival lithium-ion, promising safer materials, faster charging, lower costs and longer lifespans for devices ...

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Discover 10 new battery storage companies to watch in 2026 & find out how their solutions will impact your business!



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