



# How big is the new energy storage

China more than tripled its investments in battery storage in 2023. Lithium-based technologies continued to dominate the battery market. Australia announced plans for the world's largest pumped storage ...

As expected, Tesla unveiled Megapack 3, the latest generation of its biggest stationary energy storage battery system. The company is now using bigger 2.8-liter battery cells, resulting in a...

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.

In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record growth in 2024 ...

Deploying a 100 MWh+ energy storage plant is as much about software and controls as it is about batteries. Tesla's proprietary Autobidder platform, paired with the Megapack hardware, ...

By the end of December 2025, China's cumulative installed capacity of new energy storage technologies including lithium-ion reached 144.7GW, representing an 85% year-on-year rise.

Shanghai-based Envision Energy unveiled its newest large-scale energy storage system (ESS), which has an energy density of 541 kWh/m<sup>2</sup>, making it currently the highest in the industry.

Utility-scale battery storage in the United States is poised to more than double over the next two years and will close out 2026 at nearly 65 GW -- a rapid rise from 17 GW in the first quarter ...

Globally, annual energy storage deployment (excluding pumped hydropower plants) is set to hit another all-time high at 92 gigawatts (247 gigawatt-hours) in 2025 - 23% higher than in 2024. ...

According to the report, U.S. storage will reach 87.8 GW by 2029, driven by residential and utility-scale segments amidst a constantly evolving policy environment.



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