

# New energy storage power supply industry analysis



## Overview

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Cost breakthroughs in lithium-iron-phosphate batteries, long-duration storage mandates in China, and the U. Inflation Reduction Act's standalone storage investment tax credit are driving a structural pivot from backup-only use toward multi-hour arbitrage and ancillary-service. We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest. The Energy Storage Market size in terms of installed base is expected to grow from 0.52 Terawatt by 2031, at a CAGR of 23.05% during the forecast period (2026-2031). Installations passed 100 GW for the first time – a.

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### 2026 Power and Utilities Industry Outlook

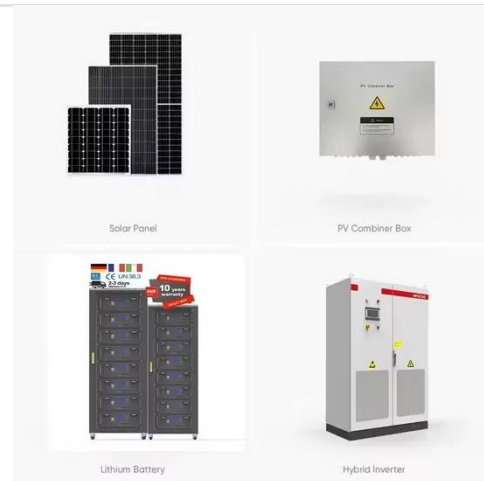
In 2025, rising load forecasts and shrinking capacity margins prompted utilities and regulators to emphasize near-term reliability alongside long-term planning.

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### US Energy Storage Monitor

The US Energy Storage Monitor is a quarterly publication of Wood Mackenzie Power & Renewables and the American Clean Power Association (ACP). Each quarter, new industry data is compiled into this ...

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### Energy Storage and Battery Material Demand Trends , Argus Media

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### Energy storage: 5 trends to look for in 2026 , Wood Mackenzie

Regional dynamics demonstrate energy storage markets reaching maturity. Explore this evolution and our analysis of the key global themes to watch in the year ahead.

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### U.S. Energy Storage Monitor , ACP

Batteries accounted for 53.84% of the 2025 energy storage market size, anchored by LFP and growing sodium-ion volumes, while hydrogen storage is forecast to expand at a 38.50% ...

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### U.S. Energy Storage Monitor , ACP

Delivered quarterly, the US Energy Storage Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power & Renewables provides the clean power industry ...

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### Energy-Storage.News

Battery energy storage projects have emerged as the dominant force in Australia's energy investment landscape, accounting for 46% of the nation's 64GW development pipeline, according to the

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## Energy Storage Market Size, Growth, Share & Industry Trends

Batteries accounted for 53.84% of the 2025 energy storage market size, anchored by LFP and growing sodium-ion volumes, while hydrogen storage is forecast to expand at a 38.50% ...

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## Solar, battery storage to lead new U.S. generating capacity additions

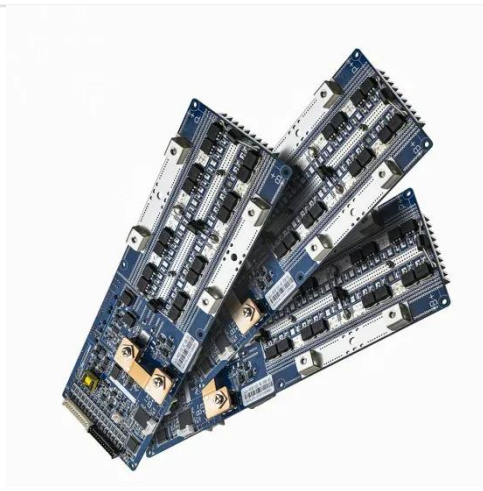
This growth highlights the importance of battery storage when used with renewable energy, helping to balance supply and demand and improve grid stability. Energy storage systems ...

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## Energy Storage Rides a Wave of Growth but Uncertainty Looms: A ...

In this report, our lawyers outline key developments and emerging trends that will shape the energy storage market in 2025 and beyond.

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### Global Energy Storage Growth Upheld by New Markets

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector ...

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