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Global battery storage capacity





Overview

How many GW of battery storage capacity are there in the world?

Strong growth occurred for utility-scale battery projects, behind-the-meter batteries, mini-grids and solar home systems for electricity access, adding a total of 42 GW of battery storage capacity globally.

Which country has the largest battery storage capacity in the world?

Last year, a record 200 GWh of new BESS projects came online globally, bringing the world's total operational battery storage capacity to 375 GWh. China maintained its leading position, with over 100 GWh of new capacity, followed by the United States, which added 35 GWh. Germany, Australia, and the United Kingdom were among the top five.

How big will energy storage be in 2025?

BloombergNEF forecasts a record 94 GW (247 GWh) of utility-scale storage in 2025—a 35% rise—driven by China's storage mandates. US tariffs, policy shifts and LFP dominance will drive growth to 220 GW/972 GWh by 2035. The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions.

Is energy storage on track for a record year in 2025?

The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. BloombergNEF (BNEF) forecasts that developers will add 94 gigawatts (247 gigawatt-hours) of battery capacity this year, a 35% increase over 2024 and the highest annual total to date (excluding pumped hydro).



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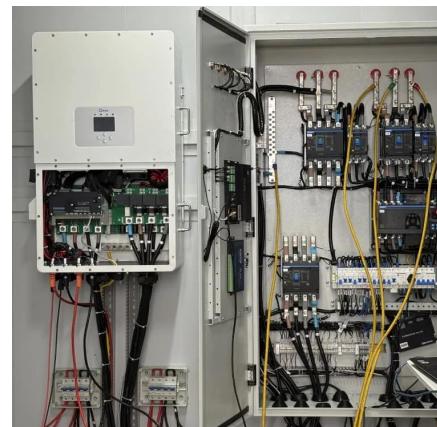


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[Charted: Battery Capacity by Country \(2024-2030\)](#)

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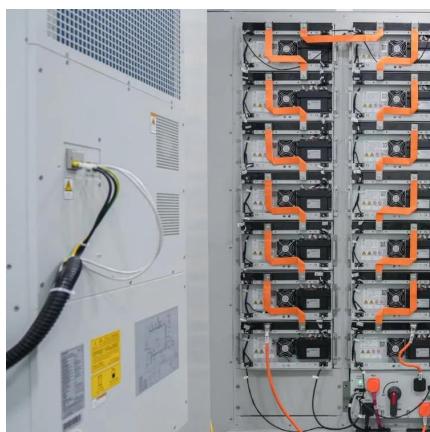


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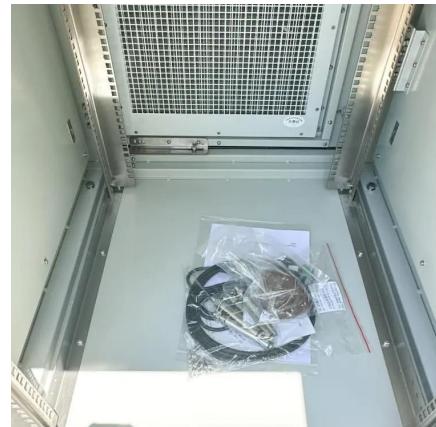
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