

# **Distribution of energy storage batteries in 2025**





## Overview

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How many batteries will the energy storage industry install in 2025?

Nearly a decade ago, when the energy storage market was in its infancy, an industry organization set a dreamy goal: By the end of 2025, the U.S. would deploy 35 gigawatts of batteries connected to the grid. So how'd the storage industry do?

In the third quarter, 4.7 gigawatts of batteries were installed.

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).

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.

What is the future of battery energy storage?

Demand for energy storage continues to escalate, the global battery energy storage (BESS) landscape is poised for significant installation growth and technological advancements.



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Worldwide battery storage installations up 54% in first half of 2025

Jul 15, 2025 · Deployed global capacity for the first half of 2025 culminates to 86.7 GWh of battery energy storage system (BESS) capacity, representing a year-on-year increase of 54%.

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Emerging Trends Shaping the Global Battery Market in 2025

Jul 11, 2025 · Explore emerging trends in global battery markets for 2025, including solid-state batteries, recycling innovations, and regional shifts in production.

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Global Energy Storage Market Outlook 2025 Trends, Growth

Apr 1, 2025 · The global energy storage industry is undergoing rapid expansion, driven by technological advancements, government policies, and the increasing demand for renewable ...

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Key Trends Shaping Battery Energy Storage in 2025

Mar 26, 2025 · Demand for energy storage continues to escalate, the global battery energy storage (BESS) landscape is poised for significant installation growth and technological ...

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Global Energy Storage Growth Upheld by New Markets

Jun 18, 2025 · 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, ...

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Energy storage industry set aggressive goals ...

6 days ago · The battery storage industry in the U.S. has grown in leaps and bounds in recent years, surpassing its most aggressive targets to become ...

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2025 Battery Market Map

Jul 7, 2025 · 2025 Battery Market Map Global energy markets are surging, driven by rising demand for both utility-scale and distributed storage and ...

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Jul 15, 2025 · Deployed global capacity for the first half of 2025 culminates to 86.7 GWh of battery energy storage system (BESS) capacity, ...

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2025 Battery Market Map

Jul 7, 2025 · 2025 Battery Market Map Global energy markets are surging, driven by rising demand for both utility-scale and distributed storage and electric vehicles. At the same time, ...

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Global Energy Storage Trends in 2025: Innovation, ...

Jun 2, 2025 · Solid-State Batteries on the Horizon Solid-state batteries, utilizing solid electrolytes instead of liquid ones, are gaining attention for their enhanced safety and higher energy ...

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### Energy Storage Outlook

May 25, 2025 · Global installed energy storage is on a steep upward trajectory. From just under 0.5 terawatts (TW) in 2024, total capacity is expected to rise ninefold to over 4 TW by 2040, ...

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### Global Energy Storage to Hit 94 GW in 2025, ...

Jun 19, 2025 · The global energy storage sector is on track for another record year in 2025 as utility-scale projects expand into new regions. ...

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