

# **Solar container battery share in the first half of 2025**





## Overview

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Will battery storage set a record in 2025?

Battery storage. 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 when power providers added 10.3 GW of new battery storage capacity.

How much solar capacity will be added in 2025?

We expect this trend will continue in 2025, with 32.5 GW of new utility-scale solar capacity to be added. Texas (11.6 GW) and California (2.9 GW) will account for almost half of the new utility-scale solar capacity addition in 2025.

How many GW of solar & battery storage will be added in 2024?

Together, solar and battery storage account for 81% of the expected total capacity additions, with solar making up over 50% of the increase. Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year.

Why are battery energy storage systems reopening in the US?

Battery energy storage systems Suppliers of battery energy storage systems (BESS) are beginning to set up shop in U.S., primarily driven by proposed Section 301 tariff increases on Chinese imports, the heavy concentration of battery suppliers overseas, particularly in China, and the manufacturing incentives provided by 45X.



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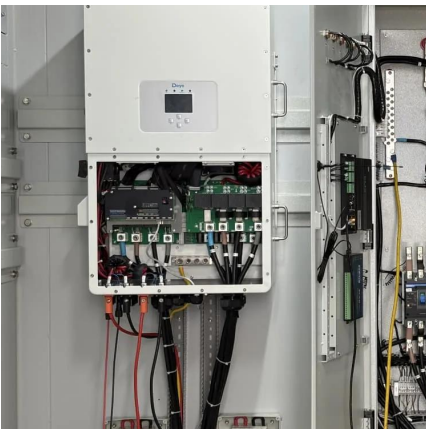
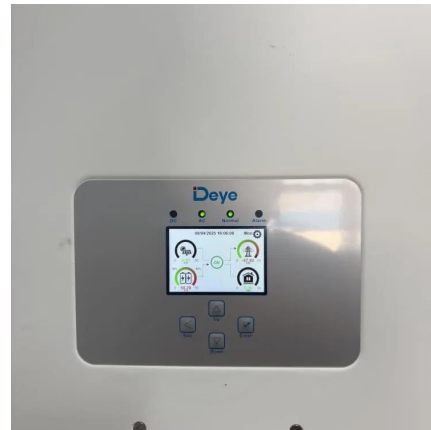
### [Powering the Future: Key Battery Storage Trends in July 2025 ...](#)

In the first half of 2025, battery storage installations surged across key regions: Germany added over 255,000 residential energy storage units, supported by rooftop solar adoption and ...

### [Solar, battery storage to lead new U.S. generating capacity ...](#)

Solar. In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5

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

Jul 15, 2025 · New data from Rho Motion shows that over half of June's installations were concentrated in China, maintaining the country's dominance in the global energy storage market.

### [54% more BESS installations in the first half of 2025](#)

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### [The Rise of Solar PV and Battery Storage's Prominence in ...](#)

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### **The state of the domestic solar and energy storage supply chain, Q1 2025**

Jan 28, 2025 · For example, each component of a battery energy storage system contributes points under the 2025-08 IRS Notice, which helps projects meet the domestic content ...





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