



# Power storage installed capacity

Of the 1,643 operational energy storage projects worldwide, 49% are located in the U.S., with another 131 projects under construction. 10 California leads U.S. capacity with 15.5 GW, followed by Texas. 8

The U.S. energy storage industry installed a record-shattering 57.6 gigawatt-hours (GWh) of new capacity in 2025, the largest single year of new battery capacity additions on record. Despite ...

Find the latest statistics and facts on energy storage.

About this data Total solar capacity Total solar (on- and off-grid) electricity installed capacity, measured in gigawatts. This includes solar photovoltaic and concentrated solar power.

The Megapack, which is an advanced battery system designed for large-scale energy projects, can store more than 3,900 kilowatt-hours of electricity in a single unit. This capacity can ...

As of 2025, the global installed capacity of new power storage systems has skyrocketed to 450 GW - enough to power 300 million homes for a day [5]. This isn't just about saving solar ...

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 ...

The utility-scale market led the way, setting a record with 4.9 GW installed in Q2, enough capacity to power 3.7 million American homes during average peak demand.

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.



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