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Western European Energy Storage Batteries





Overview

How many battery energy storage systems were installed in Europe in 2024?

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking-installations, and bringing Europe's total battery fleet to 61.1 GWh. However, the annual growth rate slowed down to 15% in 2024, after three consecutive years of doubling newly added capacity.

Does Europe have a battery storage market?

Europe's battery storage market faces global competition. China led installations in 2023 with 35 GWh deployed, backed by large subsidies and supply chain dominance. The United States aims to deploy 700 GWh of energy storage capacity by 2030, as recommended by the Solar Energy Industries Association (SEIA).

How much battery storage will Europe have in 2025?

In the most-likely scenario for 2025, 29.7 GWh of battery storage will be installed in Europe, representing a 36% annual growth. By 2029, the report anticipates a sixfold increase to nearly 120 GWh, driving total capacity to 400 GWh (EU-27: 334 GWh).

How long will battery storage last in Europe?

The European market for battery storage showed a remarkable expansion, achieving a 15% growth in 2024 alone. This growth is commendable, but it's slower than in past years. This raises important questions about how long it can last. Forecasts predict a significant growth in installations by 2025.



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