

ContainerPower Energy Solutions

European electric energy storage batteries



Overview

What is the battery storage Europe platform?

The Battery Storage Europe Platform brings together industry leaders representing the battery storage value chain to advance the business case and regulatory frameworks for battery storage across the EU. Together, we urge a tenfold increase in battery storage by 2030 to ensure Europe's energy transition, security, and competitiveness.

How does European energy use battery storage?

European Energy works actively to implement battery storage in our renewable energy projects. Our battery storage projects are primarily co-located, meaning a regular renewable energy park is combined with batteries on the same plot, sharing the same grid connection.

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.

How much battery storage capacity does the EU have?

Narrowing the scope to the European Union (EU), 18.5 GWh of BESS were installed across the bloc in 2024, equivalent to 85% of existing installations on the continent. As consequence, EU total operating battery storage capacity reached 49.1 GWh at the end of 2024.

Is battery storage a political priority in Europe?

We're accelerating battery storage across Europe by making it a political priority: 10X by 2030! In 2024, Europe installed 21.9 GWh of new battery storage capacity: 11th consecutive record breaking year of annual additions

Annual growth slows down in 2024 to 15%: inflection point toward next strong growth phase, led by grid-scale deployment.

Is the battery storage age just beginning in Europe?

Walburga Hemetsberger, CEO of SolarPower Europe (she/her), said: “If Europe has already entered the solar age, the battery storage age is just beginning. With solar energy mainstreaming across the continent, now is the time for European decisionmakers to put batteries at the centre of a flexible, electrified, energy system.

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