

Solar energy storage installations in Southern Europe





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.

What is Solarpower Europe?

SolarPower Europe is the award-winning link between policymakers and the solar PV value chain. Our mission is to ensure solar becomes Europe's leading energy source by 2030. As the member-led association for the European solar PV sector, SolarPower Europe represents over 320 organisations across the entire solar sector.

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.

Should the European Commission adopt an energy storage action plan?

The European Commission must adopt an Energy Storage Action Plan within a broader Flexibility Package, to harmonise markets, remove regulatory barriers, and ensure storage is integral to national energy strategies.

Why is battery storage so important in Europe?

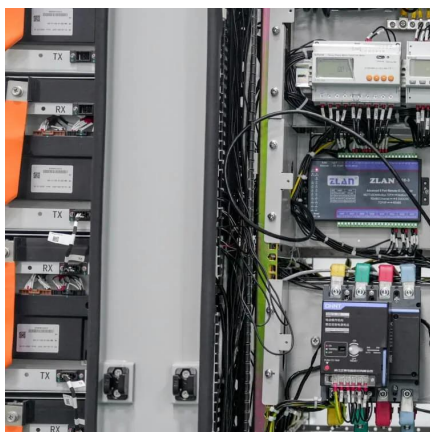
The recent electricity outage in the Iberian Peninsula is a stark reminder of why this is important." The BESS market in Europe is set to grow faster in the next years, although not at the levels required. In the most-likely scenario for



2025, 29.7 GWh of battery storage will be installed in Europe, representing a 36% annual growth.



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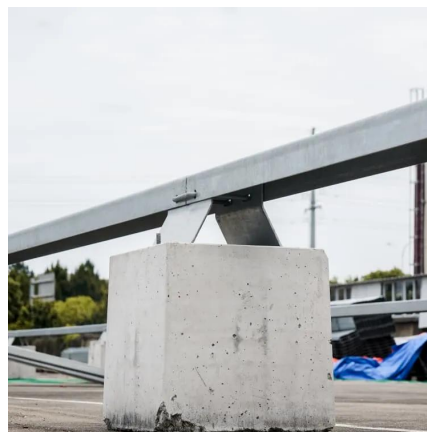


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Interest in co-locating solar PV with energy storage is increasing in Southern Europe, as grid curtailments and negative or near-zero prices for solar PV become more frequent in the



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