

Southern Europe solar container battery Product Introduction





Overview

How many battery energy storage systems did Europe1 install in 2024?

In 2024, Europe¹ installed 21.9 GWh of battery energy storage systems (BESS), marking the eleventh year of record-breaking annual additions since 2013, when our records began. The latest additions take the total running European battery fleet to 61.1 GWh at the end of 2024.

Are battery energy storage systems the answer to energy security and competitiveness?

One thing is certain, battery energy storage systems – from residential to commercial & industrial (C&I) to utility-scale – are the absolute short cut to delivering the flexible, electrified energy system that is foundational to EU energy security and competitiveness goals.

Which countries have the most battery storage in Europe in 2024?

In 2024, Europe's top three battery storage markets – Germany, Italy, UK – solidified their dominance, with Austria and Sweden closing the 'top 5' ranking (see Fig. 2). 2024 marked the first year when reaching the GWh scale of annual installations was required to access the top 5.

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.



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Tilak Gopalarathnam, Sr. Director, Business Development and Applications, Energy Storage, ...

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Energy storage container, BESS container

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