

Southern Europe Mobile Energy Storage Power Supply





Overview

What is the European energy storage inventory?

A new interactive platform delivers real-time clean energy storage insights as Europe shifts toward sustainable energy sources. Energy storage helps to balance supply and demand. The European Energy Storage Inventory is the first of its kind at European level to show all forms of clean energy storage solutions.

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 can European policymakers help the battery storage sector?

Recommendations How can European policymakers help the battery storage sector Battery storage systems are essential for strengthening the EU's energy security and competitiveness by enhancing flexibility, providing ancillary services to secure the grid, maximising the use of renewable energy, and effectively dealing with energy price volatility.

Which countries are leading the battery storage market in 2024?

Germany, Italy, and the UK continue to lead the market and deliver almost 70% of the annual capacity. 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 reactivated capacity was installed.



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[Europe Energy Storage Market 2024-2030](#)

In Europe Energy Storage Market, Over the next decade, the top 10 countries in Europe will add 73 GWh of energy storage, amounting to 90% of new deployments.

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[New report: European battery storage grows 15% in 2024, EU energy](#)

New report: European battery storage grows 15% in 2024, EU energy storage action plan needed Press Release 7 May 2025 MUNICH, Germany (Wednesday 7th May ...

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[European residential BESS industry , McKinsey](#)

Manufacturers of residential battery energy storage systems in Europe face competitive pressure from players in Asia--and they need to adjust their strategies to stay ahead.

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[European battery storage fleet expected to grow 45% year ...](#)

Germany continues to lead Europe's battery energy storage market, with 18 GW of utility-scale demand and 8 GW from commercial and industrial applications over the next decade.

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[European energy storage market enters acceleration phase](#) ...

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