

Overview

The EU installed a record-breaking 27.1 GWh of new battery energy storage system (BESS) capacity in 2025, with Germany and Italy topping the chart again, while Bulgaria emerged as the fastest-growing market. 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 h of newly deployed BESS . By storing renewable electricity, they stabilize grids, reduce fossil fuel dependency, and enable smarter energy management. But with great opportunity comes strict regulation. While the European Union experienced a sluggish growth in BESS deployment in 2024, it is poised for a bounce back in 2025. The projects combined total well over 1.

Eu battery energy storage power station



Energy storage in Europe

However, despite an exponential growth in Europe's battery energy storage capacity, which reached 36 gigawatt-hours in 2023, pumped hydro still accounted for 90 percent of the

[New report: EU installs 27.1 GWh of new batteries in 2025 as utility](#)

27.1 GWh of new battery capacity installed in 2025, marking the EU's 12th consecutive record year for battery storage deployment. 55% of all new capacity came from utility-scale systems,



[EU battery storage additions hit 27.1 GWh in 2025, Germany leads](#)

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[Battery energy storage in Europe: Opportunities, challenges, and](#)

Battery energy storage in Europe is key to renewable integration and grid stability, requiring tailored risk management and insurance strategies for growth.



2025 concludes with 1.5GWh+ of European BESS project news

The projects combined total well over 1.5GWh



grid-scale battery energy storage system (BESS) capacity and show the maturation of the European market as a whole, with the inclusion of

[European battery storage installations to grow 36% in 2025, reaching](#)

A report from Solar Power Europe urges policymakers to prioritize battery storage through an EU Energy Storage Action Plan to ensure grid flexibility, especially after the Iberian Peninsula



European Market Outlook for Battery EU solar Storage 2025

By recognising storage systems under EU funding mechanisms and grid planning processes, the EU can unlock their full potential, not only in stabilising energy supply and maximising

Overview of Energy Storage Deployment in Europe

Key findings highlight the growing expectations of lithium ion battery storage, the continued importance of pumped-storage hydropower and the significant potential of energy storage to support the

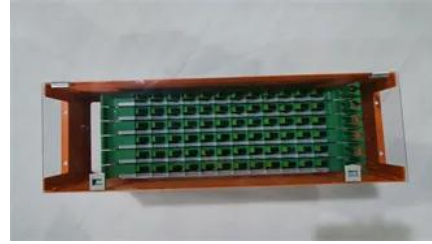


It's high time for an EU Battery Storage Action Plan

Global deployment of battery energy storage systems (BESS) is accelerating at an unprecedented pace - with world installations projected to expand swiftly in the coming years. While

EU Regulations for Battery Energy Storage Systems (BESS):

In this guide, we break down the EU Regulations for Battery Energy Storage Systems, highlight key compliance requirements, and provide a practical roadmap for companies preparing for



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