

SolarTech Power Solutions

The largest energy storage battery factory in the EU



Overview

LEAG Clean Power GmbH and Fluence Energy GmbH are set to construct the largest battery energy storage system in Europe, a 1 GW / 4 GWh facility called GigaBattery Jänschwalde 1000 in Jänschwalde, Germany. Will Europe reach 300 GWh of storage capacity by 2030?

According to BloombergNEF, Europe is on track to exceed 300 GWh of storage capacity by 2030. This is no surprise since BESS developments allow for renewable energy to be integrated into the grid and supplement a country's energy demand. BESS developments stabilise a country's energy infrastructure.

Why do European customers want energy storage systems made in Europe?

The facility is supplied by renewable power and has contracted orders extending into 2026. "The message we are hearing clearly from European customers is that they want energy storage systems manufactured in Europe using locally sourced supply chains free of geopolitical risk.

What are battery energy storage systems (Bess)?

Battery energy storage systems (BESS) developments are becoming increasingly commonplace in Europe as countries need to store their renewable energy. According to BloombergNEF, Europe is on track to exceed 300 GWh of storage capacity by 2030.

Where does Lyten manufacture lithium-sulfur batteries?

San Jose, CA & Luxembourg – July 1, 2025 – (BUSINESS WIRE) – Lyten, the supermaterial applications company and global leader in lithium-sulfur batteries, announced today the acquisition of Northvolt's Dwa ESS operations in Gdansk, Poland, a 25,000 square meter (270,000 sq ft) battery energy storage systems (BESS) manufacturing and R&D facility.

Why is Bess the fastest growing segment of the battery market?

BESS is the fastest growing segment of the battery market, as the technology is critical to meet AI data center power demand, provide resiliency to the electricity grid in Europe and North America, and meet surging power demand in emerging markets.

What makes Lyten lithium-sulfur batteries unique?

Lyten Lithium-Sulfur batteries have unique characteristics that make them ideally suited to meet rapidly growing demand for BESS: a broader operating temperature range especially in hot conditions, improved safety, and the ability to be made from abundantly available, low-cost materials found throughout the US and Europe.

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