

Extra-large capacity energy storage container 2026 model





Overview

CATL today unveiled the TENER Stack, the world's first 9MWh ultra-large capacity energy storage system solution set for mass production at ees Europe 2025, representing a strategic leap forward in capacity, deployment flexibility, safety, and transportability. What is CATL TENER energy storage?

To meet the expectation of a BESS system that has high energy density, small footprint, simpler AC-side configuration, and flexible deployment, we bring the latest CATL TENER energy storage solution. It breaks the limitations of power capacity and product transportation, and makes breakthroughs in space utilization, energy efficiency, and cost.

How many ESS projects are there in 2024?

By November 2024, CATL's ESS solutions were operational in 1,700+ global projects, spanning Arctic to equatorial climates. "The TENER Stack isn't just a product—it's a global energy accessibility solution," said Hank Zhao, CTO of ESS Europe at CATL. "9MWh isn't the ceiling.

Will a 9 MWh power plant save 20% on initial investment?

CATL calculates that this would save up to 20% on the initial project investment. "9 MWh is not the upper limit for utility-scale BESS products," Zhao said. "Higher capacities, including double-digit MWh systems, are possible and will depend on customer demand.

How much does a container weigh?

Each container weighs less than 36 tons and meets transportation standards in 99% of countries worldwide, the manufacturer said. This significantly improves the product's transportability, requiring only standard lifting equipment and minimizing the risk of tipping during road transport.



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CATL Unveils TENER Stack: The World's First 9MWh Ultra-Large Capacity

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