

# Ultra-large energy storage container capacity



## Overview

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With a 9MWh capacity per unit, it can charge approximately 150 electric vehicles or power a typical German household for six years, enhancing efficiency for large-scale applications. The system's high capacity reduces the number of containers needed for deployment. On May 7th, 2025, CATL has unveiled the world's first mass-producible 9MWh ultra-large-capacity energy storage system solution, TENER Stack, setting a new industry benchmark with its groundbreaking technology. In response to fast-growing global. The Tener Stack is a two-in-one solution featuring two 20-foot containers stacked vertically. Each container weighs less than 36 tons and meets transportation standards in 99% of countries worldwide, the manufacturer said. This groundbreaking solution marks a strategic leap in capacity, deployment agility, safety, and logistics efficiency, setting new benchmarks for the energy.

## Ultra-large energy storage container capacity

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### CATL's TENER Stack Redefines Energy Storage with 9MWh Capacity

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It achieves a 45% improvement in space utilization and a 50% increase in energy density over traditional 20-foot container systems. With a capacity of 9MWh, it can charge 150 electric ...

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### CATL at Smarter E: We are entering the era of 9 MWh systems

On the first day of the Smarter E show in Munich, CATL, the world's largest battery manufacturer, unveiled the Tener Stack, which it describes as the world's first 9 MWh ultra-large ...



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18650 3.7V  
Li-ion  
RECHARGEABLE BATTERY  
**2000mAh**



### World's First Mass-Produced! CATL Launches 9MWh Ultra-Large-Capacity

Compared to traditional 20-foot container systems, TENER Stack improves volume utilization by 45% and energy density by 50%, with a single-unit capacity of 9MWh. The system's ...

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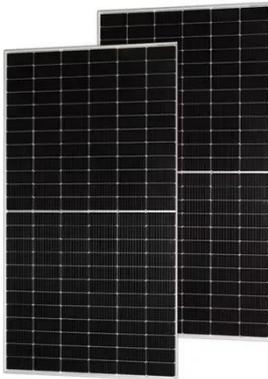
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### CATL unveils 9 MWh utility-scale

## battery

On the first day of the Smarter E show in Munich, CATL, the world's largest battery manufacturer, unveiled the TENER Stack, which it describes as the world's first 9 MWh ultra-large ...

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### CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...

"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 ...

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### CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...

TENER Stack incorporates CATL's high-energy-density cells with five-year zero degradation technology, achieving a 45% improvement in volume utilisation and a 50% increase in ...

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### CATL Unveils Mass-Productible 9MWh Energy Storage System Solution

With a 9MWh capacity per unit, it can charge approximately 150 electric



vehicles or power a typical German household for six years, enhancing efficiency for large-scale applications. The ...

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### **CATL Unveils TENER Stack: The World's First Mass-Produced 9MWh Energy**

At ees Europe 2025, CATL launched TENER Stack, the world's first mass-produced 9MWh ultra-large-scale energy storage solution, setting a new industry benchmark for power ...



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### **CATL Launches first 9MWh Ultra-Large Capacity TENER Stack**

CATL has 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 ...

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### **CATL Unveils TENER Stack: The World's First 9MWh Ultra-Large ...**

CATL debuts 9MWh TENER Stack, the worlds first ultra-large energy storage system bines split-design transport

compliance, 5-year zero-degradation  
cells, 20% cost ...

[Learn More](#)



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