



Ultra-large capacity cylindrical solar container lithium battery





Overview

Exceptional 5.64 MWh capacity with advanced lithium battery technology. Superior energy density for large-scale industrial and utility applications. Operates in harsh conditions from -30°C to +55°C. IP55 protection rating with C5 corrosion resistance. Suitable for altitudes up to.

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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. This innovation marks another milestone for CATL in the energy storage sector, following.

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 significantly improves the product's transportability, requiring only.

The world's biggest battery maker unveiled its latest utility-scale battery energy storage product- the Tener Stack – at the Smarter E show. The 9 MWh system supports both centralized and string power conversion system architectures, offering flexibility for a range of deployment scenarios. From.

Each unit remains under 36 tonnes and functions as two 4.5MWh containers stacked together. This approach meets transport regulations in 99 percent of global markets and simplifies deployment. "9 MWh is not the limit of the energy capacity or space. Every breakthrough in energy density in the future.

CATL catapults itself into the record books after unveiling the TENER Stack, the world's first 9-MWh ultra-large capacity energy storage system solution. The company revealed the next-gen product at ees Europe 2025. "CATL has always been at the forefront of the energy transition," said Amanda Xu.

On May 7, CATL unveiled TENER Stack, the world's first mass-produced 9MWh ultra-



large-capacity energy storage system solution, at the Battery Energy Storage Exhibition in Munich, Germany. It has achieved breakthroughs in system capacity, deployment flexibility, safety and transportation efficiency.



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[CATL Launches World's First 9MWh Ultra-Large ...](#)

CATL today unveiled the TENER Stack, the world's first 9MWh ultra-large capacity energy storage system solution set for mass ...

[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 ...



[CATL's TENER Stack Redefines Energy Storage with 9MWh ...](#)

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 ...



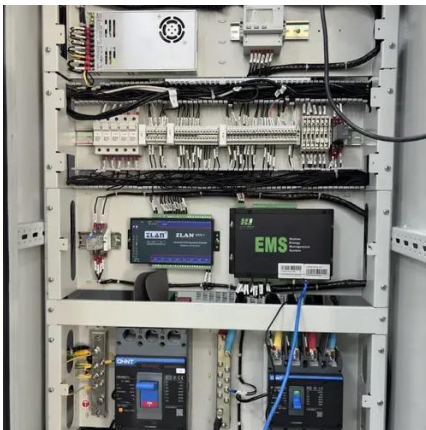
[CATL leapfrogs competitors, releases 9-MWh BESS](#)

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



Large-Scale Energy Storage

Microgreen offers and services the EnerX high capacity outdoor lithium battery container with 5.64MWh capacity for large-scale energy storage applications.



[CATL unveils 9 MWh utility-scale battery](#)

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[CATL Released the World's First 9MWh Energy Storage System](#)

On May 7, CATL unveiled TENER Stack, the world's first mass-produced 9MWh ultra-large-capacity energy storage system solution, at the Battery Energy Storage Exhibition ...



CATL Launches Mass Production of 587Ah Cell, Defining the ...



Based on the mainstream 20-foot container and 1500V PCS voltage/power range, CATL optimized the system structure through precise calculations. This significantly reduces ...



[CATL Launches World's First 9MWh Ultra-Large Capacity ...](#)

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 ...



[CATL Unveils 9MWh System, Redefining Utility ...](#)

The result is a system that maintains its power and capacity over time, without added auxiliary power draw. It is designed to operate ...



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

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



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[CATL at Smarter E: We are entering the era of 9 MWh systems](#)

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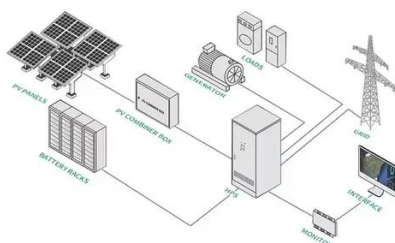
[World's First Mass-Produrable! CATL Launches ...](#)

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[CATL Released the World's First 9MWh Energy ...](#)

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[CATL leapfrogs competitors, releases 9-MWh BESS](#)



TENER Stack incorporates CATL's high-energy-density cells with five-year, zero-degradation technology, achieving a 45% ...



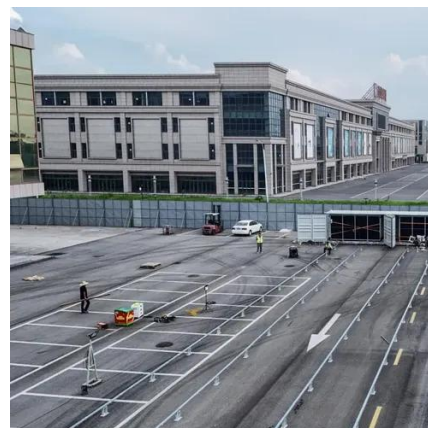
CATL Unveils 9MWh System. Redefining Utility-Scale Storage

The result is a system that maintains its power and capacity over time, without added auxiliary power draw. It is designed to operate consistently over years of use, without ...



CATL Launches Mass Production of 587Ah Cell, ...

Based on the mainstream 20-foot container and 1500V PCS voltage/power range, CATL optimized the system structure through ...





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