



Ultra-large capacity solar container energy storage system





Overview

Designed for mass production, the innovative system represents a major step forward in addressing growing global energy needs, from AI-driven data centres to industrial electrification, while offering unprecedented improvements in capacity, safety, flexibility, and.

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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 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.

At ESS Europe 2025, Chinese battery giant CATL made headlines by unveiling the world's first 9MWh ultra-large capacity energy storage system solution, the TENER Stack. Designed for mass production, the innovative system represents a major step forward in addressing growing global energy needs, from.

Landmark innovation pairs high capacity with flexible transport, redefining large-scale energy storage MUNICH, May 7, 2025 /PRNewswire/ — 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.

CATL has launched the world's first 9MWh energy storage system built for mass production. The system is called the TENER Stack. This isn't simply a larger container. Rather than building a single oversized unit that would trigger regulatory and logistical issues, CATL introduced a modular.

Today, the company unveiled a 20-foot-tall energy storage system (ESS) called the



TENER Stack, which, according to CATL, offers breakthroughs in storage capacity, deployment flexibility, safety, and transportation efficiency. It also has the energy storage capabilities to charge 150 EVs. As the.



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

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

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

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[CATL Launches 9MWh Ultra-Large Capacity TENER Stack ESS](#)

According to CATL, the unit can charge up to 150 electric vehicles or supply electricity to a typical German household for six years. The system

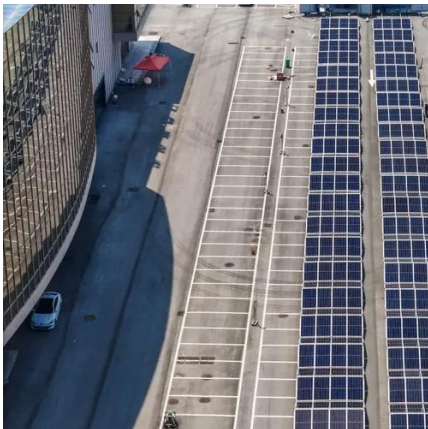


incorporates CATL's ...



CATL unveils 9 MWh TENER Stack ESS that can charge 150 ...

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CATL Unveils 9MWh System, Redefining Utility-Scale Storage

The energy storage industry just crossed another important milestone. CATL has launched the world's first 9MWh energy storage system built for mass production. The system ...



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

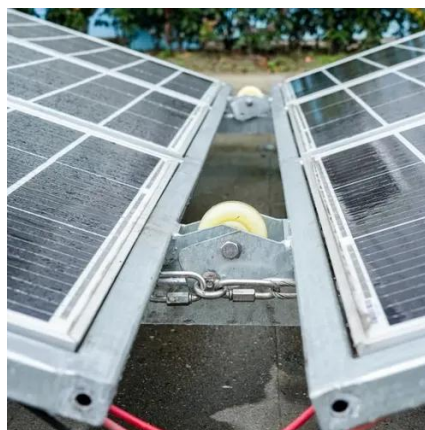
TENER Stack incorporates CATL's high-energy-density cells with five-year zero degradation technology, achieving a 45% improvement in volume utilisation and a 50% ...





World's First Mass-Produced! CATL Launches ...

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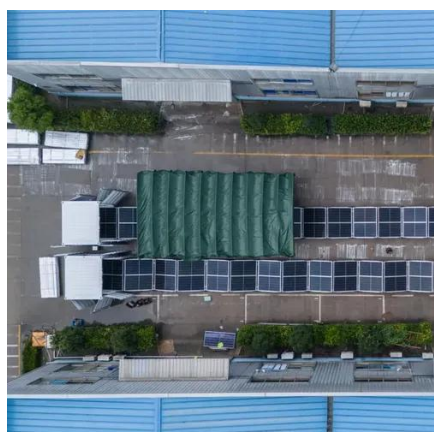
CATL Launches World's First 9MWh Ultra-Large Capacity ...

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CATL leapfrogs competitors, releases 9-MWh BESS

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

...

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

"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 ...



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