

PEES Power Systems

Ultra-large capacity energy storage containers for bridges



Overview

Designed to address surging global energy needs—from AI-driven data centers to industrial electrification—the TENER Stack reimagines spatial efficiency. Leveraging CATL's proprietary 5-year zero-degradation high-density cells, the system achieves a 45% improvement in volumetric. Landmark innovation pairs high capacity with flexible transport, redefining large-scale energy storage. MUNICH, /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. 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.

Ultra-large capacity energy storage containers for bridges



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

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 ...

CATL launches 9MWh energy storage system - Telematics Wire

CATL 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 ...

HEAT DISSIPATION

Cold aisle containment, making optimal refrigeration effect;



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

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 ...



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

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,

...



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

With a lower centre of gravity and flexibility for height-restricted routes, TENER Stack can easily adapt to unique transport scenarios such as bridges and rural areas, highlighting the ...

CATL Unveils Mass-Producible 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 ...



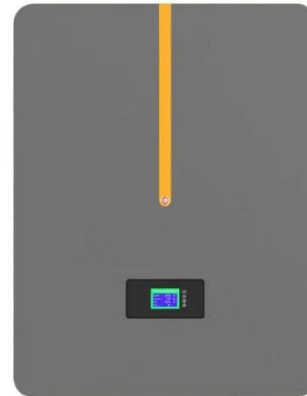
CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...



"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 ...

CATL unveils mass-producible 9MWh energy storage system solution

With a lower center of gravity and enhanced maneuverability, TENER Stack can navigate bridges and rural roads with ease, underscoring the advantages of its structural innovation.



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

CATL debuts 9MWh TENER Stack, the world's first ultra-large energy storage system bins split-design transport compliance, 5-year zero-degradation cells, 20% cost ...



CATL's TENER Stack Redefines Energy Storage with 9MWh

Capacity ...

Contemporary Amperex Technology Co. Limited (CATL) has launched the world's first 9MWh ultra-large capacity energy storage system, the TENER Stack, at the ees Europe 2025 ...



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