

Ultra-large capacity energy storage containers for highways



Overview

Deploying 800MWh of storage capacity with TENER Stack reduces the number of containers required by nearly one-third compared to traditional 6MWh systems, while increasing land-use efficiency by 40%, ultimately cutting total station construction costs by 20%. 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. This innovation marks another milestone for CATL in the energy storage sector, following. 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 7, CATL launched the TENER Stack at the EES Europe in Munich, marking the unveiling of the world's first mass-producible 9MWh ultra-large-capacity energy storage system solution.

Ultra-large capacity energy storage containers for highways



CATL Unveils Mass-Produced 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 mass-produced 9MWh energy storage system solution

Compared to traditional 20-foot container systems, it boasts a 45% increase in space utilization and a 50% boost in energy density. With a single-unit capacity of 9MWh, the system can

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

On May 7th, 2025, CATL has unveiled the world's first mass-produced 9MWh ultra-large-capacity energy storage system solution, TENER Stack, setting a new industry benchmark with ...

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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 unveils 9 MWh TENER Stack ESS that can charge 150 EVs

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 ...

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CATL's TENER Stack Redefines Energy Storage with 9MWh

Capacity ...

With a capacity of 9MWh, it can charge 150 electric vehicles or power a German household for six years. The system supports both centralized and string PCS (Power Conversion ...

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18650 3.7V
Li-ion
RECHARGEABLE BATTERY
2000mAh



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,

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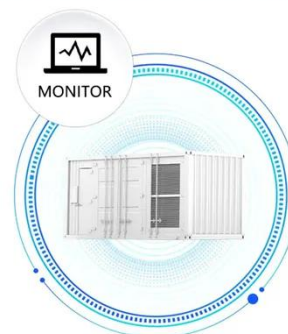
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CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...

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 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 ...

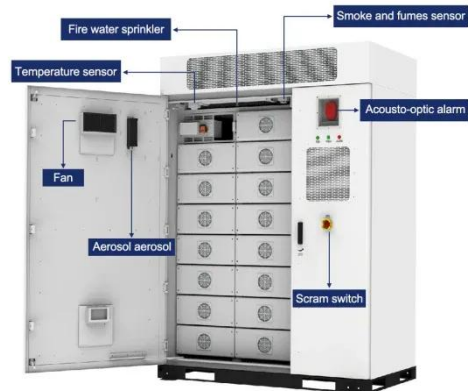
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CATL Unveils TENER Stack: The World's First 9MWh Ultra-Large

...

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 ...

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