



# Castri Energy Storage Container High-Efficiency Order





## Overview

---

The TENER Stack features CATL's advanced high-energy-density cells and incorporates their proprietary five-year zero degradation technology. Compared to conventional 20-foot container systems, it achieves a 45% improvement in volume utilisation and a 50% increase in projected energy.

The TENER Stack features CATL's advanced high-energy-density cells and incorporates their proprietary five-year zero degradation technology. Compared to conventional 20-foot container systems, it achieves a 45% improvement in volume utilisation and a 50% increase in projected energy.

In this rapidly evolving landscape, Battery Energy Storage Systems (BESS) have emerged as a pivotal technology, offering a reliable solution for storing energy and ensuring its availability when needed. This guide will provide in-depth insights into containerized BESS, exploring their components.

For large energy requirements, the 20 ft container offers a scalable solution with a nominal storage capacity of 1,979 kWh per container, and an output ranging from 405 kW. STABL Energy wins the pv magazine Award 2025 in the BESS category. Our innovative approach for the commercial and industrial.

5+MWh capacity□optimized for utility scale application, ensuring peak shaving and grid stability. Features 314Ah LFP battery cells, 20ft standard container design, high energy density, and multi-level safety. High corrosion-resistant and compliant with global environmental standards Utilizes.

Tener Stack is capable of charging around 150 EVs or powering an average home for six years. It is the world's first production-ready 9 MWh ultra-high-capacity energy storage system solution. CATL (SHE: 300750) has rolled out a new energy storage system called Tener Stack in a bid to consolidate.

On May 7, CATL launched the world's first 9MWh energy storage system. Compared to the more common capacities of 5MWh, 6.9MWh, and 7MWh available in the market, the introduction of a 9MWh system marks a significant milestone for the industry. Is energy storage capacity once again being upgraded?

To.



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.



## Castri Energy Storage Container High-Efficiency Order

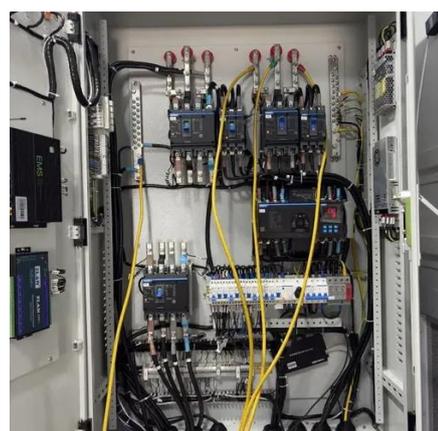
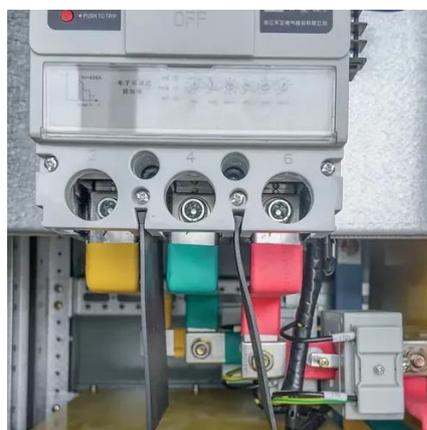


### [CATL Launches World's First 9MWh Ultra-Large Capacity ...](#)

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% ...

### 5MWh BESS Container

High Efficiency Utilizes high-capacity 314Ah battery cells, increasing system energy density by 30% and reducing land occupancy by 25%.



### [CATL unveils 9MWh ultra large capacity energy ...](#)

The TENER Stack features CATL's advanced high-energy-density cells and incorporates their proprietary five-year zero degradation ...

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

Deploying 800MWh of storage capacity with TENER Stack reduces the number of containers required by nearly one-third compared ...



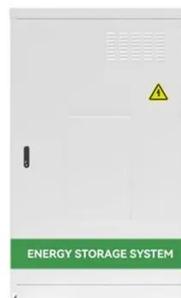
TAX FREE    

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

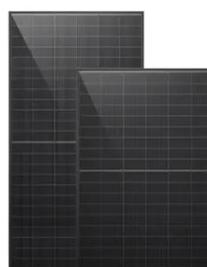


### CATL launches Tener Stack energy storage system with massive ...

Deploying 800 MWh of storage capacity via Tener Stack requires nearly one-third fewer containers than a conventional 6 MWh system. Additionally, land use efficiency can be ...

### CATL launches Tener Stack energy storage ...

Deploying 800 MWh of storage capacity via Tener Stack requires nearly one-third fewer containers than a conventional 6 MWh ...



### World's First Mass-Produicable! CATL Launches 9MWh Ultra ...

Deploying 800MWh of storage capacity with TENER Stack reduces the number of containers required by nearly one-third compared to traditional 6MWh systems, while ...



- IP65/IP55 OUTDOOR CABINET
- IP54/55
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR MODULE CABINET



## CATL unveils 9MWh ultra large capacity energy storage system, ...

The TENER Stack features CATL's advanced high-energy-density cells and incorporates their proprietary five-year zero degradation technology. Compared to ...



Single Phase Hybrid

- 5 Year Warranty Period
- Global Leading Inverter Brand
- Top 3 World Single Phase PV Inverter Supplier

## Containerized Battery Energy Storage System ...

Discover the benefits and features of Containerized Battery Energy Storage Systems (BESS). Learn how these solutions provide ...

## CATL Launches Industry's First 9MWh Energy ...

CATL's Chief Technology Officer and President of European Energy Storage Systems, Xu Jinmei, stated that this product will meet the ...



## Container: High-Performance Storage Solution for Many ...

Thanks to a modular architecture and a high round trip efficiency of 94.6 %, we guarantee a reliable and economical solution for your energy storage. Depending on the system ...



## Container: High-Performance Storage Solution for ...

Thanks to a modular architecture and a high round trip efficiency of 94.6 %, we guarantee a reliable and economical solution for your energy storage.

...

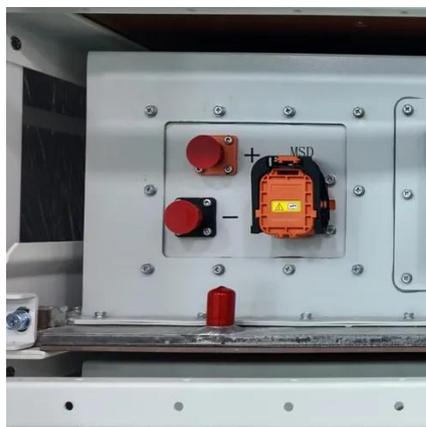


## CATL Launches Industry's First 9MWh Energy Storage System: A

CATL's Chief Technology Officer and President of European Energy Storage Systems, Xu Jinmei, stated that this product will meet the market's demand for high energy ...

## **Comprehensive review of energy storage systems technologies, ...**

Hybrid energy storage system challenges and solutions introduced by published research are summarized and analyzed. A selection criteria for energy storage systems is ...



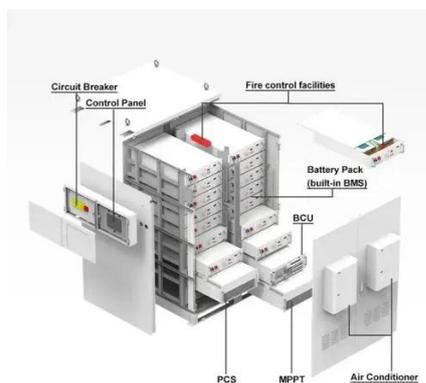
## Is a 6 MWh Containerized Energy Storage System an

Housed within a standard 20-foot container, the system achieves a high-energy level of 6.25 MWh, increasing the energy density per unit area by 30% and reducing the ...



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

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



## [Containerized Battery Energy Storage System \(BESS\): 2024 Guide](#)

Discover the benefits and features of Containerized Battery Energy Storage Systems (BESS). Learn how these solutions provide efficient, scalable energy storage for ...



## Contact Us

---

For inquiries, pricing, or partnerships:

<https://www.sccd-sk.eu>

Phone: +32 2 808 71 94

Email: [info@sccd-sk.eu](mailto:info@sccd-sk.eu)

Scan QR code for WhatsApp.

