



# Larana Mobile Energy Storage Container for Drilling Sites with Ultra-Large Capacity





## Overview

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All-in-one containerized design complete with LFP battery, bi-directional PCS, isolation transformer, fire suppression, air conditioner and BMS; Modular designs can be stacked and combined. Easy to expand capacity and convenient maintenance;

All-in-one containerized design complete with LFP battery, bi-directional PCS, isolation transformer, fire suppression, air conditioner and BMS; Modular designs can be stacked and combined. Easy to expand capacity and convenient maintenance;

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.

Adding Containerized Battery Energy Storage System (BESS) to solar, wind, EV charger, and other renewable energy applications can reduce energy costs, minimize carbon footprint, and increase energy efficiency. Get ahead of the energy game with SCU! 50Kwh-2Mwh What is energy storage container?

SCU.

Mobile energy storage encompasses flexible systems designed to store and distribute energy efficiently across various applications, serving as a critical component of modern energy infrastructure. These systems use advanced battery technologies, such as: Lithium iron phosphate: A type of lithium.

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.

Our mobile, containerized energy conversion systems are designed for fast deployment to provide access to reliable power and energy. In projects such as events powered by generators, the ZBC range acts as a bufer for variable loads and maximizes fuel savings. In worksites like mines, where power.



Lithium batteries are CATL brand, whose LFP chemistry packs 1 MWh of energy into a battery volume of 2.88 m<sup>3</sup> weighing 5,960 kg. Our design incorporates safety protection mechanisms to endure extreme environments and rugged deployments. Our system will operate reliably in varying locations from North.



## Larana Mobile Energy Storage Container for Drilling Sites with Ultra-L

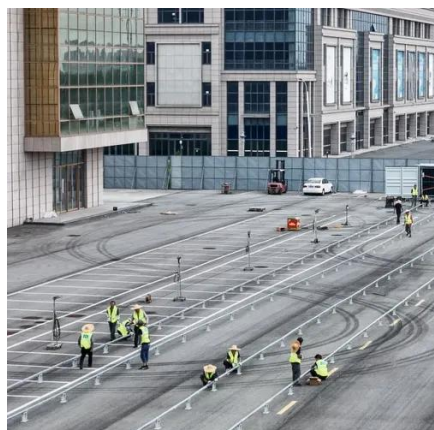


### [CATL Launches World's First 9MWh Ultra-Large ...](#)

"To meet the expectation of a BESS system that has high energy density, small footprint, simpler AC-side configuration, and flexible ...

### [Containerized energy storage . Microgreen.ca](#)

Microgreen offers large-scale energy storage that is reliable in harsh environments, cost effective with top energy density, and provides best ...



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

This groundbreaking solution marks a strategic leap in capacity, deployment agility, safety, and logistics efficiency, setting new benchmarks for the energy storage industry.

### [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% ...



### [Container Energy Storage System Brochure](#)

Our mobile, containerized energy conversion systems are designed for fast deployment to provide access to reliable power and energy. In projects such as events powered by generators, the ...



### [Energy storage container, BESS container](#)

Adding Containerized Battery Energy Storage System (BESS) to solar, wind, EV charger, and other renewable energy applications can reduce energy costs, minimize carbon footprint, and ...



### [Containerized energy storage , Microgreen.ca](#)

Microgreen offers large-scale energy storage that is reliable in harsh environments, cost effective with top energy density, and provides best return on investment.



### [\(PDF\) Energy storage systems for drilling rigs](#)



The findings of this study can help to better understand which type of storage system is the most efficient for energy systems with ...



### [Mobile Energy Storage: Power on the Go](#)

Mobile energy storage systems can be classified into various categories, connecting energy generation with consumption. They store surplus energy during peak ...



### [\(PDF\) Energy storage systems for drilling rigs](#)

The findings of this study can help to better understand which type of storage system is the most efficient for energy systems with temporary high load peaks, like drilling rigs.



### [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% ...



### [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 ...



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

Compared to traditional 20-foot container systems, TENER Stack improves volume utilization by 45% and energy density by 50%, ...

### **Energy Storage System Container**

The Energy Storage System Container integrates advanced liquid cooling, high-capacity battery packs, and intelligent management systems to deliver reliable, efficient, and safe energy ...



### **World's First Mass-Productible! CATL Launches 9MWh Ultra-Large-Capacity**

Compared to traditional 20-foot container systems, TENER Stack improves volume utilization by 45% and energy density by 50%, with a single-unit capacity of 9MWh. ...



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



This groundbreaking solution marks a strategic leap in capacity, deployment agility, safety, and logistics efficiency, setting new benchmarks for the energy storage industry.

50KW modular power converter



**Flexible Configuration**

- Modular Design, Expanding as Required
- Small-Scale, High-Current
- Install in Parallel for Expansion



**Powerful Function**

- Support PV/ESS
- Grid Support Equipped with SVC Technology
- On-Grid and Off-Grid Operation



**Reliable Protection**

- Outdoor IP55 Design
- Sufficient Protection Functions Equipped



## Contact Us

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