



GermanSolarZA

# Containerized energy storage stack





## Overview

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What is a tener stack energy storage system?

The Tener Stack 9 MWh energy storage system. (Image source: CATL) CATL's new Tener Stack energy storage system breakthrough can supply electricity from renewables to the average home for up to six years, in the first five of which it will undergo zero capacity degradation. It can also charge 150 electric vehicles before its batteries run out.

What is CATL's new energy storage system?

This is CATL's new move in the energy storage space after the April 2024 release of Tener, an energy storage system with zero degradation for five years. Tener is a standard 20-foot containerized energy storage system with a total capacity of 6.25 MWh, the highest energy in the world at the time.

Can Tener stack save energy?

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 increased by 40 percent, with an overall savings of 20 percent in power plant construction costs, according to CATL.

Is CATL Tener energy storage a Bess system?

"CATL has always been at the forefront of the energy transition," said Amanda Xu, CTO ESS & President of ESS Europe CATL. "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 storage solution.



## Containerized energy storage stack



### [CATL Unveils 9 MWh TENER Stack for Scalable Energy Storage](#)

CATL's TENER Stack is a 9 MWh containerized energy storage solution offering high energy density, reduced footprint and safety in varied climates.

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### [CATL Launches first 9MWh Ultra-Large ...](#)

CATL has 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 forward in capacity, ...

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

Landmark innovation pairs high capacity with flexible transport, redefining large-scale energy storage. CATL today unveiled the TENER Stack, the world's first 9MWh ultra-large capacity energy storage system solution ...

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

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 ...

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## CATL's TENER Stack: 9 MWh Containerized Stacked BESS ...

The Chinese energy storage company's booth highlighted its latest ultra-large capacity BESS system during Intersolar Europe 2025 CATL showcased its latest TENER ...

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## World's First Mass-Producible! CATL Launches ...

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 ...

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## CATL Launches World's First 9MWh Ultra ...

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## World's first 9 MWh energy storage system ...

CATL's new Tener Stack energy storage system breakthrough can supply electricity from renewables to the average home for up to six years, in the first five of which it will undergo zero capacity

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## [CATL launches Tener Stack energy storage system with ...](#)

Tener is a standard 20-foot containerized energy storage system with a total capacity of 6.25 MWh, the highest energy in the world at the time. Tener Stack utilizes CATL's ...

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## [CATL's TENER Stack: 9 MWh Containerized ...](#)

The Chinese energy storage company's booth highlighted its latest ultra-large capacity BESS system during Intersolar Europe 2025. CATL showcased its latest TENER Stack series containerized 9 MWh battery ...

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## [CATL's TENER Stack Redefines Energy Storage with 9MWh ...](#)

Designed to meet rising global energy demands driven by AI data centers and industrial electrification, the TENER Stack leverages CATL's advanced high-energy-density ...

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

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## [World's first 9 MWh energy storage system by CATL can ...](#)

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## [CATL launches Tener Stack energy storage ...](#)

Tener is a standard 20-foot containerized energy storage system with a total capacity of 6.25 MWh, the highest energy in the world at the time. Tener Stack utilizes CATL's high energy density cells, also ...

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

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## [CATL unveils 9 MWh TENER Stack energy storage system ...](#)

The TENER Stack joins the TENER and TENER Flex in a growing lineup of revolutionary energy storage systems to support the ever-increasing demand for global energy ...

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## CATL unveils 9 MWh TENER Stack energy

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The TENER Stack joins the TENER and TENER Flex in a growing lineup of revolutionary energy storage systems to support the ever-increasing demand for global energy needs.

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