

Ultra-high efficiency energy storage containers for data centers





Overview

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.

How do data centers ensure business continuity?

To ensure business continuity, data centers today rely on a complex system of lithium-ion batteries or lead acid batteries powering backup generators and Uninterruptible Power Supplies (UPS), to guarantee uptime in the event of grid power failure.

Why should a data center have a HSC?

For customers, the HSC offers reliability and reassurance. The HSC has a high power density (or C-rate*), meaning it can be recharged in a much shorter time frame, making it ideal to provide service continuity in the event of consecutive power outages within a data center.



Ultra-high efficiency energy storage containers for data centers



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

May 7, 2025 · 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

...

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

May 8, 2025 · CATL (SHE: 300750) has rolled out a new energy storage system called TENER Stack in a bid to consolidate its position in the sector. The Chinese battery giant launched the ...



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

May 12, 2025 · On May 7th, 2025, CATL has unveiled the world's first mass-producible 9MWh ultra-large-capacity energy storage system solution, ...

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

Jun 3, 2025 · The Chinese energy storage company's booth highlighted its latest ultra-large capacity BESS system during Intersolar Europe 2025. CATL showcased its latest TENER ...



[Hyperscale Energy Storage for Data Center ...](#)

5 days ago · Energy Vault's B-Nest(TM) energy storage system, offering high energy density for data centers, greenfield projects, and thermal ...



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

May 9, 2025 · 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 ...



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

May 8, 2025 · CATL (SHE: 300750) has rolled out a new energy storage system called Tener Stack in a bid to consolidate its position in the sector. ...





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

May 12, 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 ...

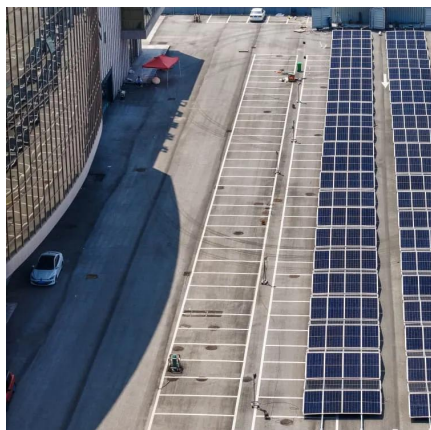


[CATL Launches World's First 9MWh Ultra ...](#)

May 7, 2025 · Landmark innovation pairs high capacity with flexible transport, redefining large-scale energy storage. CATL today unveiled the TENER ...

CATL Launches the Groundbreaking TENER Stack Energy Storage ...

CATL has unveiled the TENER Stack, the world's first ultra-high-capacity energy storage system with a remarkable 9 MWh capacity. This innovative solution is designed to address the ...



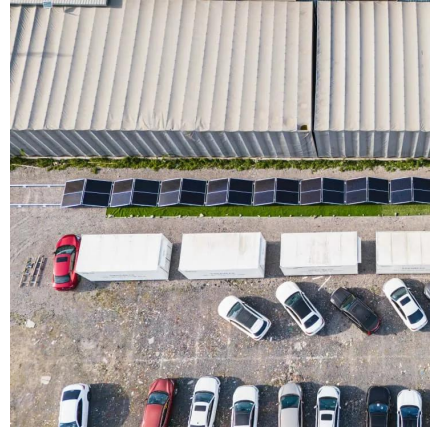
[CATL's TENER Stack: A Game-Changer in Energy Storage ...](#)

6 days ago · Discover CATL's groundbreaking 9MWh TENER Stack energy storage system--engineered for ultra-high capacity, transport flexibility, and advanced safety. Learn ...



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

Jun 3, 2025 · The Chinese energy storage company's booth highlighted its latest ultra-large capacity BESS system during Intersolar Europe 2025 ...

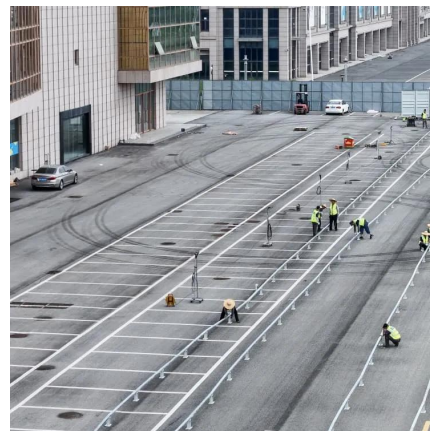


[CATL's TENER Stack: A Game-Changer in ...](#)

6 days ago · Discover CATL's groundbreaking 9MWh TENER Stack energy storage system--engineered for ultra-high capacity, transport flexibility, ...

[CATL Unveils TENER Stack: The World's First 9MWh Ultra ...](#)

May 17, 2025 · A landmark innovation merging high capacity, transport flexibility, and safety to redefine grid-scale energy storage At ees Europe 2025 in Munich, CATL debuted the TENER ...



[A Next Generation Energy Storage System for ...](#)

Jun 4, 2024 · To this end, we partnered with Donghwa ES, a South Korean based energy storage company, to develop the Hybrid Super Capacitor ...



[Hyperscale Energy Storage for Data Center Developers](#)

5 days ago · Energy Vault's B-Nest(TM) energy storage system, offering high energy density for data centers, greenfield projects, and thermal generation operators.



[A Next Generation Energy Storage System for Data Centers](#)

Jun 4, 2024 · To this end, we partnered with Donghwa ES, a South Korean based energy storage company, to develop the Hybrid Super Capacitor (HSC) - a next generation energy storage ...

Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:
<https://www.eiei.pl>

Scan QR Code for More Information



<https://www.eiei.pl>