



MODERNIZATION SOLAR

The fourth batch of energy storage equipment





Overview

How many technical equipment are there in 2024?

On November 21st , 2024, the National Energy Administration announced the list of the first (set) major technical equipment in the fourth batch of energy field. A total of 77 technical equipment were selected, including 6 hydrogen technical equipment.

What is the energy storage industry white paper 2025?

The Energy Storage Industry White Paper 2025 reveals that global new energy storage installations reached 165.4 GW in 2024, with China contributing 43.7 GW of new capacity. Notably, compressed air energy storage (CAES) has emerged as the preferred grid-scale solution due to its long service life and superior safety characteristics.

Does China's Energy Storage Technology set a new global benchmark?

Chen Haisheng, Chairman of CNESA, noted: "China's CAES technology has advanced from 100 MW to 300 MW in a decade, setting a new global benchmark." The Energy Storage Industry White Paper 2025 reveals that global new energy storage installations reached 165.4 GW in 2024, with China contributing 43.7 GW of new capacity.



The fourth batch of energy storage equipment



[China Ningxia VPP Solutions-Case-Shenzhen Gooree Energy Storage](#)

Gooree has been approved as a fourth-batch Virtual Power Plant operator in Ningxia and integrated into the regional power grid platform. Powered by the self-developed Nebula ...

[Shanghai Institute of Applied Physics, Chinese Academy of ...](#)

Dec 4, 2024 · The 20kW module/200kW high-temperature solid oxide electrolysis cell hydrogen production device has been selected into the first set of major technological equipment in the ...



[Long term energy storage of 4 hours or more will become ...](#)

Jun 19, 2025 · Long term energy storage of 4 hours or more will become the main force for development-Shenzhen ZH Energy Storage - Zhonghe VRFB - Vanadium Flow Battery Stack - ...

[2025 China EESA Energy Storage Exhibition \(official website\)](#)

The 4th EESA Shanghai Energy Storage Equipment Exhibition in 2025 will be a stage full of potential. Let's look forward to this industry event together and contribute wisdom and



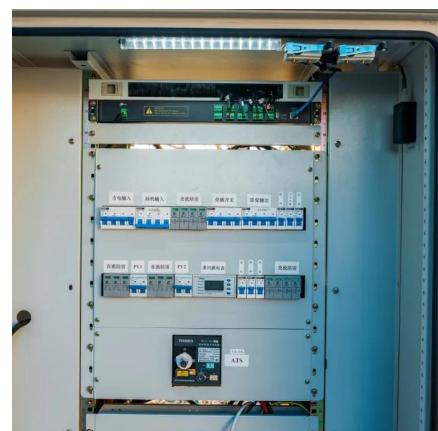
strength ...



Five pieces of technical equipment from the Three Gorges ...

Recently, the National Energy Administration issued Announcement No. 1 of 2025, announcing the fourth batch of major technical equipment list for the energy sector. A total of 77 pieces of

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China Achieves Breakthrough in Core Energy ...

Apr 26, 2025 · The "Chulong 105" motor achieves over 40% space savings compared to conventional multi-motor configurations of equivalent power ...



China Achieves Breakthrough in Core Energy Storage Equipment...

Apr 26, 2025 · The "Chulong 105" motor achieves over 40% space savings compared to conventional multi-motor configurations of equivalent power output. When integrated into ...



[4th EESA Energy Storage Exhibition opens in Shanghai](#)

Aug 14, 2025 · The fourth EESA Energy Storage Exhibition opened on Aug 13 at the National Exhibition and Convention Center or NECC in Shanghai's Hongqiao International Central ...



[China powers up nation's largest standalone battery storage ...](#)

3 days ago · A 500 MW/2,000 MWh standalone battery energy storage system (BESS) in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction ...

[Shouhang Hi-Tech's 100MW ultra-high temperature carbon ...](#)

Nov 25, 2024 · The "100MW-class ultra-high temperature carbon dioxide heat pump energy storage system" developed by Shouhang Hi-Tech Energy Technology Co., Ltd. and Beijing ...



[Two liquid flow energy storage projects were selected into ...](#)

On January 29, 2024, Shandong Provincial Energy Bureau released the fourth batch of recommended projects for the first major technical equipment in the energy field. Technical ...



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