

# China s lithium battery energy storage industry development



## Overview

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As reported by Energy Storage News, China plans on building an installed base of large-scale energy storage — primarily lithium-ion battery energy storage systems — to reach 180 gigawatts by the end of 2027, driving \$35.2 billion in direct project investment. 8 gigawatts, 40% of the global total. If China reaches its goal, the country would. it in rechargeable batteries for use at a later date. When energy is needed, it is released from the BESS to power demand to lessen any he integration of demand- and supply-side management. From CATL's commitment to a new "Zero-Carbon" factory in Quanzhou and Jinchuan Group's 100,000-ton LFP production line launch in Lanzhou, to Chuancheng Storage's 3-billion-yuan investment in Shanghai and Guansheng. By the end of December 2025, China's cumulative installed capacity of new energy storage technologies including lithium-ion reached 144.7GW, representing an 85% year-on-year rise. The figures are taken from the recently released 2025 China Energy Storage Industry Data Report published by CNESA. It is currently the largest single electrochemical storage facility in the country (Image: Ma Mingyan / China News Service / Alamy) In February 2025, China shelved a requirement that new domestic wind and solar projects be bundled with energy storage. Photo: VCG China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry.

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### China to boost new-energy storage manufacturing industry, targeting

China has unveiled an action plan to boost full-chain development of the new-energy storage manufacturing industry, aiming to expand leading enterprises by 2027, enhance innovation ...

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### China Targets 180 Gigawatts of Battery Storage by end of 2027

1 China has a goal to install 180 gigawatts of battery energy storage systems by the end of 2027, with a direct project investment of \$35.2 billion.



### THE CHINA BATTERY ENERGY STORAGE SYSTEM (BESS) ...

Ahead and heading into a new era for new energy, it is expected that China's energy storage capacity and its BESS capacity in particular will grow at a CAGR rate of 44% between 2023 and 2027.

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### China unveils plan to boost new-type energy storage by 2027

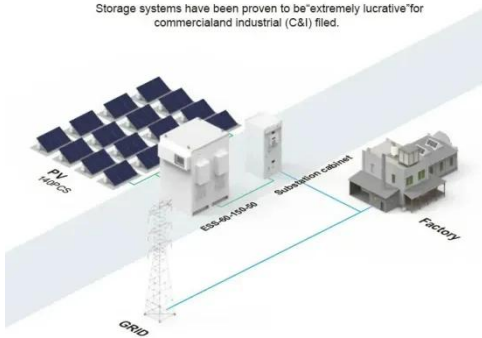
China's Ministry of Industry and Information Technology (MIIT) and other government agencies have unveiled a comprehensive plan to accelerate the development of its new-type energy ...

**Lithium Solar Generator: S150**



**BASIC APPLICATION**

Storage systems have been proven to be "extremely lucrative" for commercial and industrial (C&I) filed.



**After the mandate: China's energy storage sector one year on**

Energy After the mandate: China's energy storage sector one year on With clean energy projects no longer needing to be bundled with energy storage, companies are finding new ...

**The prospects of energy storage technology development in China:**

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Projections for China's installed energy storage capacity vary considerably, particularly for longer-term horizons, reflecting the sector's rapid development in recent years.



**At nearly 200GWh, China's new energy storage deployment rate hit**

...

According to partial estimates from the institution, by the end of December

2025, China's cumulative installed storage capacity had reached 213.3GW, up 54% year-on-year. 'New' energy ...



## China's power reforms, global data centre buildout ...

Chinese firms are on track for a 75% jump this year in global shipments of lithium-ion battery cells for energy storage, according to one estimate.



## China's Energy Storage Sector Surges: CATL, Jinchuan, and Others

The project involves a total investment exceeding 1 billion yuan and is expected to reach full capacity by mid-2026, producing 2.1 million battery cells and systems annually. Technically ...

## Key trends in battery energy storage in China

China has been an undisputed leader in the battery energy storage system deployment by a far margin. The nation more than quadrupled its battery fleet

last year, which helped it surpass ...



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