

China s high-power energy storage equipment prices





Overview

Across 13 companies shortlisted, the bid prices ranged from CNY430-960 per kWh, or US\$59-132 per kWh, according to Chinese metals market intelligence and price reporting agency (PRA) Shanghai Metals Market (SMM). The note said that the results showed that DC block prices 'remained stable overall'. How much does energy storage cost in China?

In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4. The tender attracted 76 bidders, with quoted prices ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh.

What is the largest energy storage procurement in China's history?

The tender marks the largest energy storage procurement in China's history. In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids were opened on December 4.

What does 'new energy storage' mean for China?

Trade body China Energy Storage Alliance (CNESA) said last week (15 January) that 'new energy storage' capacity reached 78.3GW/184.2GWh by the end of 2024, a term it appears to use to describe technologies other than pumped hydro energy storage.

How much energy storage capacity will China have by 2024?

Separate figures, from the National Energy Administration (NEA) cited in state-owned Xinhua News Agency, said that the total installed capacity of new energy storage projects reached 73.4GW by the end of 2024. With an average duration that indicates a total capacity of around 73.4GW/168GW.

How will powerchina select a qualified supplier for energy storage system



equipment?

According to the previously announced plan by PowerChina, this tender aims to select qualified suppliers for energy storage system equipment for 2025-2026. After the selection, a framework agreement will be signed.

How much energy storage capacity does China have in Q3?

In Q3 alone, newly installed capacity amounted to 6.79 GW/16.89 GWh, showing year-on-year increases of 62% and 99%, but quarter-on-quarter declines of 29% and 26%, respectively. Fig 2: Cumulative Installed Capacity of Operational Non-hydro Energy Storage Projects in China (as of Sep 2024)



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This report analyses the winning bid price trends of energy storage systems and turnkey EPCs in China's utility-scale and C&I energy storage ...

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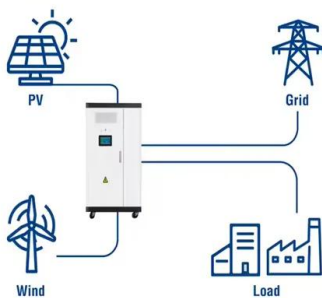
China reaches over 70GW of BESS, DC block prices 'stable'

China has reached well over 70GW of installed BESS capacity, while DC block prices appear to be 'stable', a local metals price agency said.

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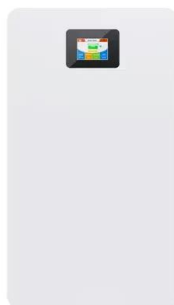
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50 kWh/500 kWh Battery Storage System
Industrial and Commercial Energy Storage

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- High-capacity**
50-500kWh
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- Intelligent Integration**
Integrated photovoltaic storage cabinet
- Rated AC Power**
50-100kW
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3000m(>3000m derating)

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ESS



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