

# Containerized battery storage quotation in China 2025





## Overview

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The price for big battery storage modules have hit a record low in the latest giant auction in China, where more than 70 bidders competed for 25 gigawatt hours of capacity in what is being described as a “watershed moment” for the industry. Battery storage has already emerged as the most compelling.

SINGAPORE (ICIS)—New energy storage plays a crucial role in ensuring power balance in China, especially in effectively addressing the intermittent issues of new energy generation. It helps alleviate the dual pressures of power supply security and consumption. By fully considering market and price.

The nation more than quadrupled its battery fleet last year, which helped it surpass its 2025 target of 30 GW of operational capacity two years early. ESS News sat down with Ming-Xing Duan, secretary of the Electrical Energy Storage Alliance (EESA), to discuss the latest market trends. China has.

In the first half of 2025, China surpassed 100 GW of installed battery storage capacity for the first time — a 110 percent increase compared to the previous year. This marks a continuation of the shift from pumped hydro storage toward battery systems: at the end of the 13th Five-Year Plan.

The Model Contract for the Maritime Transport of Containerized Lithium Battery Energy Storage Systems was released in the Maritime Silk Road Central Legal District FTZ Pilot Zone on Sept 1. During the release event, China's first specialized model contract focusing on the sea transportation of such.



U.S. price for locally integrated system (top) and imported DC block (bottom), 320Ah cells, 5MWh, cells DDP from China (US\$/kWh) Download the free report sample of CEA's Interim Update of the Energy Storage Systems (ESS) Price Forecasting Report (PFR) for Q1 2025 by completing the form on the. Is China's battery energy storage industry ready for 2025?

In the rapidly evolving landscape of global energy, China's once-thriving battery energy storage sector (BESS) finds itself at a crossroads, grappling with the realities of 2025. Just a few short years ago, buoyed by generous subsidies, relentless demand, and unyielding optimism, the industry seemed poised for unbridled success.

Is China a leader in battery energy storage?

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 its 2025 target of 30 GW of operational capacity two years early.

Are battery energy storage systems a viable option?

The renewables growth is posing growing challenges to the grid, and some provincial governments have already upped their mandatory ratios for energy storage projects to 20%, up from 10% a couple of years ago. However, as the electricity market continues to evolve, standalone battery energy storage systems are emerging as the preferred option.

What energy storage technologies are available in China?

Currently, there are dozens of new energy storage technology routes in China, including advanced compressed air energy storage, flywheel energy storage, lithium iron phosphate batteries, vanadium redox flow batteries, and sodium-ion batteries, each suitable for different scenarios based on their characteristics.

Are standalone battery energy storage systems better than colocated systems?

However, as the electricity market continues to evolve, standalone battery energy storage systems are emerging as the preferred option. Compared to colocated systems, standalone projects offer greater scalability and flexibility in site selection and better optimization for grid support.



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China, which relies heavily on coal power and imported energy, plans to significantly increase its battery storage capacity to over 100



gigawatts (GW) by year-end, marking a 43% rise year-over-year.



### Containerized Energy Storage System

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