

China's share of global energy storage lithium batteries



Overview

China's installed battery storage base at the end of 2024 totaled 73. If China reaches its goal, the country would . China now holds a commanding 38 percent share of the global energy storage market, fueled by a surge in new capacity and groundbreaking technological advancements, said the China Energy Storage Alliance. These systems store electricity from wind, solar, and other clean power and help keep grids stable when demand rises. In 2025, the BESS market grew at a record pace. Almost the entire global production of battery components took place in East . High peak hour power prices in China have emerged as the driving force behind a revival in the price of lithium, a key battery metal, which has risen by 25% over the past four weeks, and 50% since mid-June. The move highlights surging global demand for renewable power infrastructure. Nineteen mainland producers are set to invest 180 billion yuan, or .

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China shines in global energy storage

China now holds a commanding 38 percent share of the global energy storage market, fueled by a surge in new capacity and groundbreaking technological advancements, said the China

CATL, Gotion lead China's \$26b battery storage push

That leaves Western energy and auto developers with few substitute suppliers, since China accounts for around 85% of global battery cell production capacity 6.



[China Targets 180 Gigawatts of Battery Storage by end of 2027](#)

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. China's installed battery storage base at the

Global battery supply chain

Almost the entire global production of battery components took place in East Asia, with China being the main supplier and South Korea and Japan contributing an additional 20 percent.



Energy Storage Batteries in China

China accounts for over 70% of global lithium-ion battery production, with energy storage systems



(ESS) playing a crucial role in grid stabilization, renewable energy storage, and electric vehicle (EV)

[China's One Month Lithium Battery Energy Storage Installations Beat](#)

China has taken the lead, and global demand for lithium batteries is climbing fast. These trends show how battery storage is reshaping energy systems around the world.



[China's power reforms, global data centre buildout usher in battery](#)

China already has the world's largest battery energy storage fleet - some 40% of the global total - driven in part by local government mandates for developers to add storage to wind and

[China's hold on the lithium-ion battery supply chain: Prospects for](#)

Geographically, the global supply is heavily reliant on China with competition expected to intensify. In light of this, the questions of how global competition manifests at the company level and



[Chinese Battery Energy Storage Boom Drives A Lithium Recovery](#)

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Top 20 Countries by Battery Storage Capacity

As with the EV market, China currently dominates global BESS deployments, accounting for approximately two-thirds of installed capacity. However, other markets are expected to grow



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