

PDEOZE PowerContainer

Energy storage battery shipments by region



Overview

The rankings are based on shipment data from InfoLink's Energy Storage Supply Chain Database. In Q1 2025, China's market showed steady growth, the U.S. market saw front-loaded shipments, and emerging markets gained momentum, driving global energy storage system.

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Global energy storage battery shipments hit 142 GWh in 2023, but here's the kicker: 78% of that capacity went to just three regions. Let's unpack where the action's happening and why it matters for your energy bills. The energy storage battery market grew 62% year-over-year in Q1 2024 according to.

On May 20, 2025, InfoLink Consulting released its Q1 2025 Global Energy Storage Supply Chain Database, reporting global energy storage cell shipments of 99.58 GWh, a 150.62% year-on-year increase, despite a 7.75% quarter-on-quarter decline. Policy-driven factors, including U.S. tariff impacts and. Who makes the most energy storage cell shipments non-China?

The top three manufacturers in energy storage cell shipments non-China markets were CATL, BYD, and CALB. At present, most non-China cell shipments from Chinese-funded manufacturers are achieved through the

commissioning of non-China energy storage projects by leading Chinese system integrators.

What are the key trends in energy storage cell shipments?

CATL and Hithium ranked as the top two in global energy storage cell shipments. Key market themes include (1) full capacity and full sales; (2) tiered differentiation; (3) emerging players; and (4) capacity buildup. *InfoLink strives for information comprehensiveness, but manufacturers' official data shall prevail in case of any discrepancies.

Does battery supply exceed global demand?

Although battery supply may exceed demand at the global level, the picture is more nuanced and varied by region. Some countries have excess capacity—meaning more than enough to satisfy local demand—while others rely on imports to alleviate local shortages. This regional view could become critical if more countries try to localize production.

What is included in the battery storage update?

This battery storage update includes summary data and visualizations on the capacity of large-scale battery storage systems by region and ownership type, battery storage co-located systems, applications served by battery storage, battery storage installation costs, and small-scale battery storage trends.

Is the battery market oversaturated?

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Are lithium-ion batteries the future of battery technology?

(For more information on battery chemistries, see sidebar “How battery technology is evolving.”) Our model estimates that lithium-ion batteries are expected to account for about 86 percent of total battery demand by 2030, with sodium-ion, lead-acid, and other battery technologies accounting for the remaining 14 percent.

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PCS shipments to front-of-the-meter (FTM) energy storage siting accounted for over 50% of total global shipments over the forecast period (2023-30), with the United States and China ...

Explore hidden regional trends and supply-demand imbalances in the global battery supply chain, with strategies to drive market growth.

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Commissioned EV and energy storage lithium-ion battery cell production capacity by region, and associated annual investment, 2010-2022 - Chart and data by the International Energy

Chinese energy storage battery companies performed exceptionally well, achieving record-breaking global shipments. CATL maintained its leading position for ...

The market is evolving from a duopoly of EVE Energy and Rept Battero to a three-way race with Poweramp, as these companies compete with similar product portfolios and ...

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