

Global shipments of lithium-ion batteries for energy storage

China remains the largest market for both EV and energy storage system (ESS) batteries, while India, Japan, and South Korea are expected to rank among the top 10 markets by 2029.

In 2023, energy storage (ESS) battery shipments hit a new high of nearly 204 GWh, or 18.5% of total battery shipments, and rose to 72.6% year-on-year. Over the forecast period, ESS ...

Global shipments of electric vehicle (EV) power batteries and energy storage batteries surged in 2024, and could continue growing until 2030, according to Chinese research institution EV Tank.

Interact Analysis forecasts global lithium-ion battery shipments will exceed 3.5 TWh by 2029, driven by EVs and energy storage demand.

Global investment in EV batteries has surged eightfold since 2018 and fivefold for battery storage, rising to a total of USD 150 billion in 2023. About USD 115 billion - the lion's share - was for EV batteries, ...

According to InfoLink's global lithium-ion battery supply chain database, energy storage cell shipment reached 114.5 GWh in the first half of 2024, of which 101.9 GWh going to utility-scale ...

As a result, global energy storage battery shipments (ESS LIB) reached 369.8GWh, marking a 64.9% year-on-year increase. In the small battery sector, the cyclical trend was evident.

J.P. Morgan's recent analysis shows that shipments of stationary energy storage batteries will rise by 50% in 2025 and 43% in 2026. This surge is causing the lithium supply to move ...

Recently, authoritative institutions such as InfoLink, SMM and ICC released the 2025 global energy storage shipment rankings. HiTHIUM demonstrated strong performance, securing a ...

By bridging the gap between academic research and real-world implementation, this review underscores the critical role of lithium-ion batteries in achieving decarbonization, integrating ...



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