

In 2024, Lithium-ion held a dominant market position, capturing more than a 62.10% share of the global battery energy storage system (BESS) market. The growth of this segment is driven by its high ...

North America remains the largest market for lithium-ion battery energy storage systems, driven by robust investments in renewable energy. Asia-Pacific is emerging as the fastest-growing region, with ...

By battery type, lithium-ion commanded 88.05% of the battery energy storage system market share in 2025, while Lithium Iron Phosphate (LFP) is projected to expand at a 18.62% CAGR ...

In 2024, the global energy storage market continued its rapid growth, bolstered by policy support and increasing market demand. According to SMM statistics, global shipments of energy ...

Lithium-ion batteries are expected to retain the largest market share in BESS due to their superior energy density, high round-trip efficiency, and declining cost trajectory.

Leading companies like Samsung SDI, LG Chem, and Tesla (although not explicitly listed, a major player in the field) are driving innovation and expanding their market presence through ...

**Report Scope** This report aims to provide a comprehensive presentation of the global market for Lithium-ion Energy Storage System, focusing on the total sales volume, sales revenue, price, key companies ...

The top five largest energy storage cell manufacturers in the first half are CATL, EVE Energy, REPT, Hithium, and BYD. CATL secured the top position with orders from major customers ...

Asia Pacific dominated the battery energy storage market with a share of 34.29% in 2025. Battery energy storage or BESS is a modern energy storage solution that stores energy using ...

Based on end-user, the utility sector led with a market share of 57% in 2025. China dominates the BESS market in 2025. The battery energy storage system market is expanding rapidly as power systems ...



# Lithium-ion energy storage system market share ranking

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