



BESS market demand





Overview

Benchmark Mineral Intelligence reports that global lithium-ion battery demand rose by 29% in 2025, reaching 1. BESS remained the fastest-growing major end-use segment. Iola Hughes, Head of Research at Benchmark Mineral Intelligence, tells ESS News that 2026 is set to be another strong year for BESS, with forecast additions exceeding 450 GWh and no material supply constraints in sight. This reflects strong growth across both grid-scale and behind-the-meter segments, with large utility projects. The global battery energy storage system market is projected to grow from USD 50.96 billion by 2030, at a CAGR of 15. This accelerated growth is driven by the rapid deployment of renewable energy, increasing grid modernization initiatives, and the rising need for. The Battery Energy Storage System (BESS) Market Report is Segmented Into Battery Type (Lithium-Ion, Lithium Iron Phosphate, and Others), Connection Type (On-Grid and Off-Grid), Components (Battery Pack and Racks, Power Conversion System, and Others), Energy Capacity Range (Below 100 MWh, and. The Global Battery Energy Storage System (BESS) Market was valued at USD 60,340 million in 2024 and is expected to grow at a strong CAGR of around 13.



BESS market demand



[Battery Energy Storage Market Size, Share, Growth Report, 2034](#)

Compare market size and growth of Battery Energy Storage System (BESS) Market with other markets in Energy & Power Industry

The developing BESS market 2024

Looking ahead, it's expected the global BESS market will reach \$120-\$150 billion by 2030. The increasing level of investment in BESS has prompted competition between all major integrators ...



[Energy Storage Outlook: The expanding role of BESS in global ...](#)

The battery energy storage market continues its rapid growth, reshaping power systems worldwide. After a historic 2025, when global BESS capacity surpassed 250 GW and overtook ...



[Global BESS Demand Surges in 2025: Installations Top 300 GWh as ...](#)

In 2025, global demand for battery energy storage systems (BESS) jumped by around 50%, with installations exceeding 300 GWh and a robust pipeline for 2026. BasenPower explains the ...



[Battery Energy Storage Market Size, Share, Growth Report, 2034](#)

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 ...



[Global BESS demand jumps 51% in 2025 as installations top 300 GWh](#)

The rapid rollout of BESS has significantly boosted overall demand for lithium-ion batteries. Benchmark Mineral Intelligence reports that global lithium-ion battery demand rose by 29% ...



[Battery Energy Storage System \(BESS\) Market Size, Report 2035](#)

BESS play a critical role to decentralized power systems by providing back-up power, furthering energy efficiency, and enabling demand response.



[How BESS and Lithium Demand Are](#)



Shaping Energy Storage: Global

Analysts estimate that BESS will account for about 30% of global lithium demand by 2026, rising to 36% by 2030. Global lithium demand in lithium-carbonate-equivalent (LCE) terms ...



Battery Energy Storage System (BESS) Market Size and Forecast to ...

The Global Battery Energy Storage System (BESS) Market was valued at USD 60,340 million in 2024 and is expected to grow at a strong CAGR of around 13.98% during 2025 to 2033.

Global Battery Energy Storage System (BESS) Market Size, Latest ...

The battery energy storage system (BESS) market is set for significant expansion, driven by the accelerating integration of renewables, growing demand for grid stability, and the rising need for ...





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