

Market share of energy storage lithium batteries





Overview

By battery type, lithium-ion commanded 88.6% of the battery energy storage system market share in 2024, while Lithium Iron Phosphate (LFP) is projected to expand at a 19% CAGR through 2030. What is the global lithium-ion battery market size?

The global lithium-ion battery market size was estimated at USD 54.4 billion in 2023 and is projected to reach USD 182.5 billion by 2030, growing at a CAGR of 20.3% from 2024 to 2030. Automotive sector is expected to witness significant growth owing to the low cost of lithium-ion batteries.

What is the market share of battery energy storage systems in 2024?

By connection type, on-grid installations held a 78% share of the battery energy storage system market in 2024; off-grid applications are the fastest-growing segment at 18.5% CAGR. By component, battery packs, and racks represented 63% revenue share in 2024; energy-management software is advancing the fastest, at 20% CAGR.

What is the future of lithium-ion battery market?

I would like to have a general idea about the future of Lithium-Ion Battery Market size on a global scale and in Austria specifically. The global Lithium-ion Battery Market in terms of revenue is estimated to be worth \$194.66 billion in 2025 and is poised to reach \$426.37 billion by 2033, growing at a CAGR of 10.3% during the forecast period.

Which segment dominated the lithium-ion battery market in 2024?

The energy storage segment held a significant share of the lithium-ion battery market in 2024, as demand for reliable and scalable storage solutions continues to grow alongside renewable energy integration.



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

Battery Energy Storage System Market Trends
Battery Energy Storage System Market Growth Factors
Restraining Factors
Segmentation Analysis of Battery Energy Storage System Market
Regional Insights
Key Industry Players
Report Coverage
The research report offers a qualitative and quantitative in-depth analysis of the global industry. It further provides details on the adoption of BESS systems across several regions. The report provides a detailed competitive landscape by presenting information on key players and their strategies in the market. Information on trends, drivers, and See more on fortunebusinessinsights
Base Year: 2024
Study Period: 2019-2032
Estimated Year: 2025
Mordor Intelligence

Battery Energy Storage System Market Size & Share Report ...

Nov 25, 2025 · Battery Energy Storage System (BESS) Market Size & Share Analysis - Growth Trends And Forecast (2025 - 2030)
The Battery Energy Storage System (BESS) Market ...

[Status of battery demand and supply - ...](#)

6 days ago · Battery storage has many uses in power systems: it provides short-term energy shifting, delivers ancillary services, alleviates grid ...



[Lithium-ion Battery Market Size, Share & Growth](#)

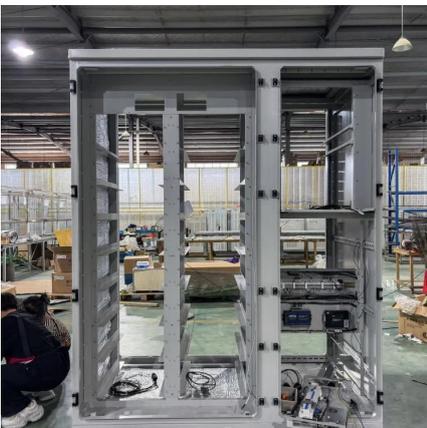
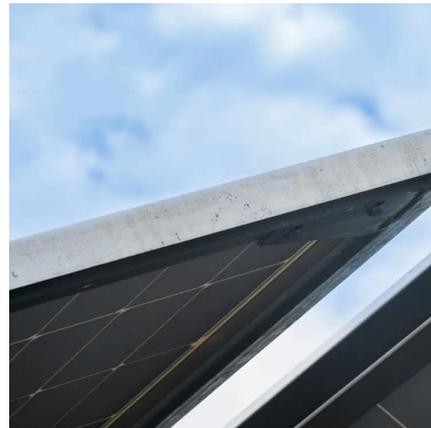


[Report, 2030](#)

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[Lithium-ion Battery Market Size, Share & Growth, 2033](#)

Oct 13, 2025 · The global lithium-ion battery market was worth USD 88.90 billion in 2025 to reach a valuation of USD 253.59 billion by 2033 with a CAGR of 14%

[U.S. Energy Storage Market Size, Forecast ...](#)

The U.S. energy storage market size crossed USD 106.7 billion in 2024 and is expected to grow at a CAGR of 29.1% from 2025 to 2034, driven by ...



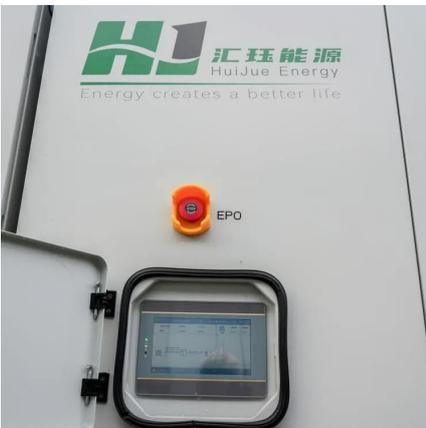


[U.S. Battery Market Size And Share , Industry ...](#)

Instituting an equitable and competitive local lithium-battery supply and distribution chains in an exponentially growing EV and grid storage ...

[BESS market share by technology 2024, Statista](#)

Nov 27, 2025 · The global battery storage systems (BESS) market was dominated by lithium-based batteries. In 2024, the most common type of ...



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

Dec 11, 2024 · The global battery energy storage market was worth USD 12.64 billion in 2023 and grew at a CAGR of 16.3% to reach USD 49.20 ...

Global battery industry

Dec 4, 2024 · Breakdown of global battery energy storage systems market 2021-2024, by technology Market share of battery energy storage systems worldwide in 2021 and 2024, by ...





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The energy storage segment held a significant share of the lithium-ion battery market in 2024, as demand for reliable and scalable storage solutions continues to grow alongside renewable ...

[Energy Storage Lithium-ion Batteries](#)

The global market for Energy Storage Lithium-ion Batteries was estimated to be worth US\$ 2500 million in 2023 and is forecast to a readjusted size of US\$ 100170 million by 2030 with a ...

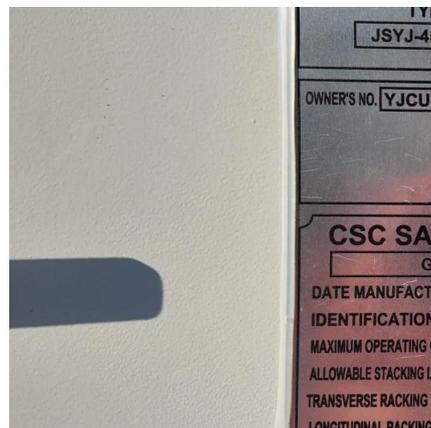


[Energy Storage Grand Challenge Energy Storage Market ...](#)

Dec 18, 2020 · This report covers the following energy storage technologies: lithium-ion batteries, lead-acid batteries, pumped-storage hydropower, compressed-air energy storage, redox flow ...

[Lithium-ion Battery Energy Storage Market Research Report ...](#)

The global lithium-ion battery energy storage market is growing at a CAGR of 13.9% during 2023-2028 with USD 26,224.37 million by 2028.



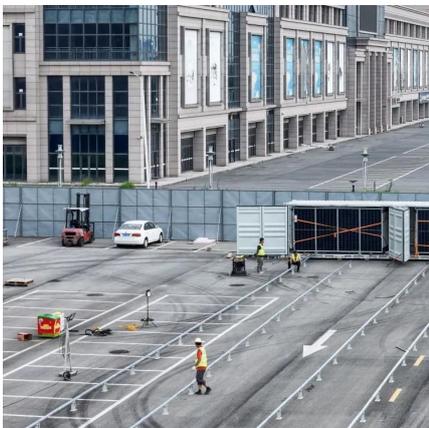


[Battery Energy Storage Market Size, Share & Analysis, 2032](#)

Dec 11, 2024 · The global battery energy storage market was worth USD 12.64 billion in 2023 and grew at a CAGR of 16.3% to reach USD 49.20 billion by 2032.

[Global Energy Storage Market Records ...](#)

Apr 25, 2024 · The growth in LFP's market share is made possible by a scale-up in manufacturing capacity led by Chinese battery makers. ...



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

Nov 10, 2025 · The global battery energy storage market size was valued at USD 25.02 billion in 2024 and is projected to be worth USD 32.63 billion in 2025 and is expected to reach USD ...

[Executive summary - Batteries and Secure ...](#)

Dec 5, 2025 · Executive summary Batteries are an essential part of the global energy system today and the fastest growing energy technology on ...





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

Nov 26, 2025 · Energy Storage Market Analysis by Mordor Intelligence The Energy Storage Market size is estimated at USD 295 billion in 2025, and ...

[Battery Energy Storage System Market Size & Outlook, 2026...](#)

The global battery energy storage system market size was estimated at USD 10.16 billion in 2025 and is anticipated to grow from USD 12.61 billion in 2026 to USD 86.87 billion by 2034, ...



[Lithium-ion Battery Market Size, Share](#)

Lithium-ion Battery Market Summary The global lithium-ion battery market size was estimated at USD 54.4 billion in 2023 and is projected to reach ...

[Global Energy Storage Market Records Biggest Jump Yet](#)

Apr 25, 2024 · The growth in LFP's market share is made possible by a scale-up in manufacturing capacity led by Chinese battery makers. Battery makers outside China, many of which ...



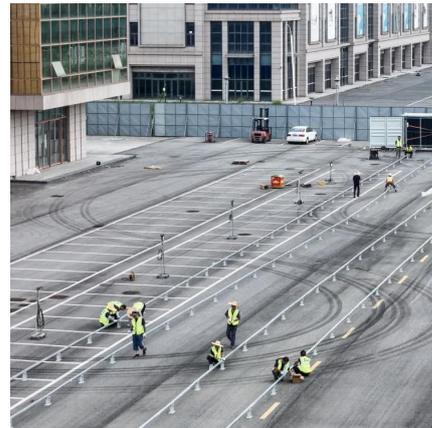


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Nov 25, 2025 · Battery Energy Storage System (BESS) Market Size & Share Analysis - Growth Trends And Forecast (2025 - 2030) The Battery Energy Storage System (BESS) Market ...

[Lithium-Ion Battery Market Size, Growth ...](#)

The lithium-ion battery market size crossed USD 75.2 billion in 2024 and is expected to grow at a CAGR of 15.8% from 2025 to 2034, driven by the ...



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