



Lithium battery energy storage ranks second in the country





Overview

- Canada has overtaken China for the top spot in BloombergNEF's (BNEF's) Global Lithium-Ion Battery Supply Chain Ranking, an annual assessment that rates 30 countries on their potential to build a secure, reliable, and sustainable lithium-ion battery supply chain. These systems store electricity using batteries, helping stabilize the grid, store renewable energy, and provide backup power. In 2024, the market grew by 52%, compared to 25% growth in the EV battery market. Among the top companies in the BESS market are technology giants such as Samsung, LG, BYD. Leading research firms InfoLink Consulting, Shanghai Metals Market (SMM), and ICCSINO Data recently published global energy storage shipment rankings for the first half of 2025. HiTHIUM has ascended to the #2 position in both worldwide energy storage battery shipments and utility-scale energy. Each quarter, new industry data is compiled into this report to provide the most comprehensive, timely analysis of energy storage in the US. All forecasts are from Wood Mackenzie Power & Renewables; ACP does not predict future pricing, costs or deployments. As with the EV market, China currently dominates global grid deployments of BESS, but in coming years other markets will grow significantly, fuelled by low-cost. Based on projections from Benchmark Mineral Intelligence, here's how the top lithium-ion battery-producing nations will stack up by 2030: China's dominance is staggering: It alone will supply nearly 70% of global capacity —more than all other nations combined. After showing a year-over-year increase of 80 percent in 2023, the capacity of battery storage installations in the U. was projected to reach almost 30 gigawatts by the end of 2024.



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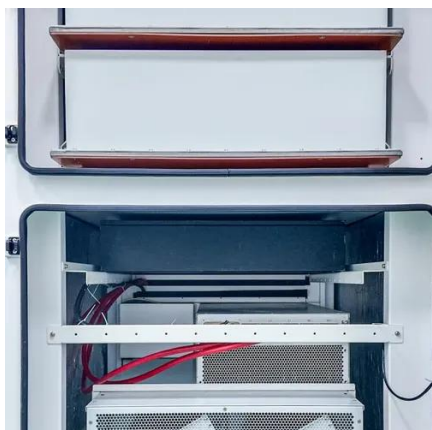


[Top 12 countries leading the charge in battery energy storage systems](#)

According to rho motion, here are the top 10 countries leading the charge in battery energy storage systems. 1. China - 215.5 GWh. China remains the undisputed leader in BESS, ...

US Energy Storage Monitor

The US energy storage market quarterly installations Q3 set the highest record for third quarter installations, with Texas leading storage deployments.



[China Drops to Second in BloombergNEF's Global Lithium-Ion Battery](#)

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[Top 4 Largest Lithium Reserves by Country](#)

Although it is second to Chile in reserves, Australia was the largest lithium-producing country in the world in 2024, with many operational lithium mines in the country.



[Top 20 Countries by Battery Storage Capacity](#)

These next-generation batteries could be pivotal for everything from electric vehicles to grid storage and even electric aviation. This infographic ranks countries by their share of current ...

[HiTHIUM Tops Global Energy Storage Rankings H1 2025](#)

HiTHIUM has ascended to the #2 position in both worldwide energy storage battery shipments and utility-scale energy storage shipments, showcasing its leadership in tailored solutions ...



Battery industry in the United States

Batteries became the main energy storage technology in the United States in 2024, surpassing hydro pumped storage. After showing a year-over-year increase of 80 percent in 2023, ...

[Global Lithium Battery Leaders: Country Rankings & Market Trends ...](#)



Based on projections from Benchmark Mineral Intelligence, here's how the top lithium-ion battery-producing nations will stack up by 2030: China's dominance is staggering: It alone will supply ...

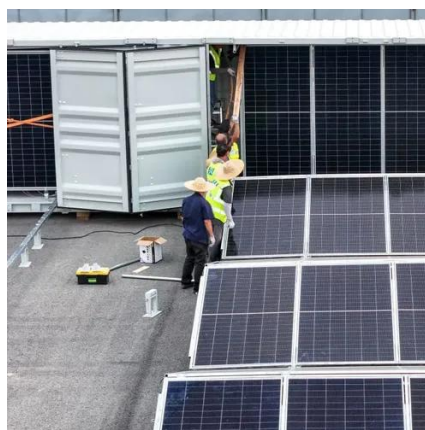


[Charted: Battery Capacity by Country \(2024-2030\)](#)

The U.S. dominates the capacity pipeline for more niche next-generation technologies including lithium-sulphur, metal-air, and other lithium metal batteries. The country is set to account ...

[Which are the top 20 countries for battery energy storage capacity?](#)

China accounts for approximately two thirds of the installed capacity of grid scale BESS worldwide. It is followed by the US which accounts for roughly 25% of the total installed market. ...





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