

Energy storage lithium battery production capacity ranking



Overview

China is projected to remain the dominant force in lithium-ion battery production by 2030, claiming nearly 70% of global capacity. This translates to an astounding 6.268 gigawatt-hours (GWh), according to data from Benchmark Mineral Intelligence. As with the EV market, China currently dominates global BESS deployments, accounting for approximately two-thirds of installed. Create a free IEA account to download our reports or subscribe to a paid service. In 2024, the market grew 52% compared to 25% market growth for EV battery demand according to Rho Motion's EV and BESS databases. CATL's market share reached 38%, up 2 percentage points from the previous year.

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The Ranking of Companies by EV & ES Battery Installed Capacity in ...

In 2024, CATL secured the top position of companies by battery (power and energy storage) installed capacity in the global market in 2024, with an impressive 491 GWh, representing a 29% year-over ...

Which country leads in lithium-ion battery production capacity?

China is expected to maintain its leading position in the lithium-ion battery production field through 2030, accounting for nearly 70% of the global capacity. This equates to an impressive 6.268 ...



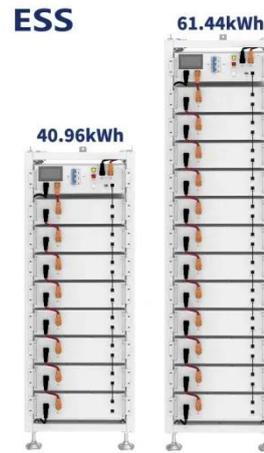
Top 10 Global Power & Storage Battery Manufacturers 2024

Among the top 10 global battery manufacturers (power + energy storage) in 2024, six are Chinese companies: CATL, BYD, EVE Energy, CALB, Gotion High-Tech, and Sunwoda.

Top 20 Countries by Battery Storage

Capacity

This infographic ranks countries by their share of current production capacity for four types of next-gen batteries. These include solid-state, sodium-ion, redox-flow, other lithium-metal ...



Lithium Production by Country 2026

Australia is currently the largest lithium producer in the world. However, the largest lithium reserves, around 9 million tons, are located in Chile. These are not yet being accessed as they could be, so ...

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 ...



The top lithium-ion battery producing countries by 2030

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production by 2030, claiming nearly 70% of global capacity. This translates to an astounding 6.268 gigawatt-hours ...



Top-10 battery-manufacturing countries by 2030 announced capacity ...

Global lithium-ion cell nameplate capacity passed ~3 TWh in 2024, with China hosting the majority of installed lines. The U.S. is accelerating on federal incentives; Europe advances through ...



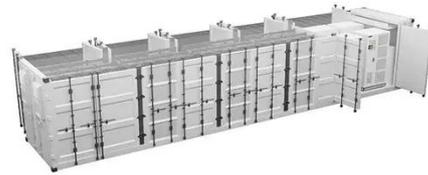
Lithium-ion battery manufacturing capacity, 2022-2030

Lithium-ion battery manufacturing capacity, 2022-2030 - Chart and data by the International Energy Agency.

Which are the top 20 countries for battery energy storage capacity?

According to Rho Motion's BESS database as of February 2025, by 2027 the top 20 countries' deployed BESS grid

capacity will have grown by at least 289% compared to 2024. That ...



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