

# Which countries produce the best lithium batteries

Which countries produce the most lithium-ion batteries in 2030?

This graphic uses exclusive data from our partner, Benchmark Mineral Intelligence, to rank the top lithium-ion battery producing countries by their forecasted capacity (measured in gigawatt-hours or GWh) in 2030. Chinese companies are expected to account for nearly 70% of global battery capacity by 2030, delivering over 6,200 gigawatt-hours.

Which country produces the most lithium in the world?

China is the largest consumer of lithium due to its electronics manufacturing and EV industries. It also produces more than two-thirds of the world's lithium-ion batteries and controls most of the world's lithium-processing facilities. China currently gets the majority of its lithium from Australia, but it is looking to expand its capacity.

Where is lithium mined?

Australia, Chile and China are the top three for lithium production by country, and Brazil and Zimbabwe rose significantly in the ranks. As the EV lithium-ion battery market continues to grow, it's likely these countries will vie for larger roles in supplying the metal in the years to come.

Where are lithium batteries made?

South Korean companies and Japanese firms also have a significant presence in the market. Several major battery companies are based in the United States, including QuantumScape, A123 Systems, Enovix, SES AI, and Amprius Tech. Considering lithium reserves, Chile has the largest known reserves of lithium in the world, with a total of 8 million tons.

Which country makes the most EV batteries?

Currently, China is home to six of the world's 10 biggest battery makers. China's battery dominance is driven by its vertical integration across the entire EV supply chain, from mining metals to producing EVs. By 2030, the U.S. is expected to be second in battery capacity after China, with 1,261 gigawatt-hours, led by LG Energy Solution and Tesla.

How much lithium does Canada produce?

Also known as a metric ton, one tonne = 1,000 kg, or roughly 2,204.6 lbs. According to the Energy Institute, Canada and all unlisted countries combined produced 3,600 tons of Lithium in 2023, for 1.8% of the global total. External sources place Canada's production at 3,400 tons, leaving the rest of the world's production at 200 tons for 2023.

Some of the key battery tech manufacturing countries include China, Japan, South Korea, the United States, Germany, and India. These countries have big EV firms like Tesla, Inc....

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Tesla's lithium refinery capacity is expected to produce 50 GWh of battery-grade lithium per year. Musk said in late 2023 that construction of the lithium refinery would be completed in 2024 ...

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Factors affecting a country's position in the global lithium battery production landscape include geographical advantages, technological advancements, investment in research and development, government policies supporting the industry, access to raw materials like lithium reserves or brine deposits, and a skilled workforce. As the demand for lithium-ion ...

For more countries, head on over to 5 Countries That Produce The Most Lithium. Lithium is shaping up to be one of the most important materials for the modern day world. Alongside silicon, which is used in

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semiconductor fabrication, this highly volatile metal is central for battery production.

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What are the top lithium-producing countries? Australia, Chile and China were the top three lithium countries in 2023, and Brazil and Zimbabwe rose significantly in the ranks. Read on for an overview of global lithium production by country. As the EV lithium-ion battery market continues to grow, it's likely these countries will vie for larger ...

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