

# How many gallium batteries does China produce each year

How many tons of gallium did China produce in 2022?

China produced 540 tons of the metal in 2022, accounting for 98% of worldwide production. Gallium producers outside China most likely restricted their output due to China's dominant production capacity. Germany, Hungary, and Kazakhstan ceased primary production in 2013-2016.

Does China produce gallium?

As a major producer of gallium, China's gallium production constitutes over 90% of global output. Find out how, with China's domestic producers increasing or expanding their capacities, the supply of gallium in the Chinese market is gradually rising.

How much germanium does China produce?

China produces around 60% of the world's germanium, or 180 metric tons in 2022, and over 90% of the world's gallium, about 606 tons last year, according to research firm Antaika. Output of both metals rose 16% in 2022, the firm says. Here are some facts about major germanium and gallium producers in China.

Which country produces the most gallium in the world?

In 2022, China was the leading producer of gallium worldwide by a significant amount, having accounted for more than 98 percent of global production that year. Russia accounted for 0.81 percent of the world's gallium production that same year, coming in a distant second place. Get notified via email when this statistic is updated.

Which country has the most battery production capacity in 2022 & 2027p?

Using the data and projections behind BloombergNEF's lithium-ion supply chain rankings, this infographic visualizes battery manufacturing capacity by country in 2022 and 2027p, highlighting the extent of China's battery dominance. In 2022, China had more battery production capacity than the rest of the world combined.

Does China control the gallium supply chain?

"This sounds like it's very good news, in terms of where the U.S. is situated," said Matthew Funaiolo, who's researched China's control of the gallium supply chain as a fellow with the Washington, D.C.-based Center for Strategic and International Studies.

China is the world's largest producer of rare earths by a large margin. In 2023, China's production quota of rare earths amounted to 240,000 metric tons of rare-earth-oxide (REO) equivalent.

China now controls 98 per cent of primary low-purity gallium production, according to the US Geological Survey. Buyers in the rest of the world were left reeling when Beijing imposed export...

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Gallium and germanium: What China's new move in microchip war means for world . Getty Images. China has started restricting exports of two materials key to the semiconductor industry, as the ...

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Seven months after Beijing put trade restrictions on gallium, a Utah company found a major deposit of the metal. China controls 98% of the world's production of gallium, a soft, silvery metal used to make semiconductors, LED screens, and solar panels -- and a key ingredient in next-generation weapons.

quantity of 214.5 tonnes per year with 81% of production in China (WMD, 2019). The EU production of primary gallium was reported at 19 tonnes per year from Germany and 1.6 tonnes per year from Hungary during the same period (World Mining Data, 2019). However, the gallium production in Hungary stopped in 2013 (Fekete, 2019).

According to the US Geological Survey (USGS) data from January 2023, China's gallium production capacity reached approximately 750 tonnes in 2022. Forecasts from market ...

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After China announced export restrictions in 2023 on gallium, germanium, and graphite, nations scrambled to find alternative sources in anticipation of future restrictions.

From manufacturing just 5,200 passenger vehicles in 1985 to manufacturing 26.8 billion this year, China has become a major player in the global automotive industry. Collectively, Chinese EV and EV battery ...

BloombergNEF estimates that lithium-ion battery demand across EVs and stationary storage came in at around 950 gigawatt hours last year. Global battery manufacturing capacity was more than twice that, at close to 2,600 GWh. China's battery production in 2023 alone was similar to global demand.

Several companies that previously didn't produce gallium entered the market in 2023. One - Guizhou Qiya Group, a major aluminum producer specializing in alumina production - announced in late October that it had successfully produced qualified gallium and planned to further expand production in 2024. Additionally, top gallium producers have plans for ...

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In 2022, China had more battery production capacity than the rest of the world combined. With nearly 900 gigawatt-hours of manufacturing capacity or 77% of the global total, China is home to six of the world's 10 biggest battery makers.

From manufacturing just 5,200 passenger vehicles in 1985 to manufacturing 26.8 billion this year, China has become a major player in the global automotive industry. Collectively, Chinese EV and EV battery enterprises have at least equaled--and in some cases surpassed--their Western peers in innovation capacity and product quality. While ...

According to the US Geological Survey (USGS) data from January 2023, China's gallium production capacity reached approximately 750 tonnes in 2022. Forecasts from market participants indicate that the estimated additional production capacity will be close to a quarter of the total domestic capacity in 2022.

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