

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 register a compound annual growth rate (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.

Do you need a subscription to use lithium-ion batteries?

A paid subscription is required for full access. The global demand for lithium-ion battery cells is forecast to increase from approximately 700 gigawatt-hours in 2022 to 4,700 gigawatt-hours in 2030. China and Europe are projected to account for the highest demand by that year, mostly employed in the electric mobility sector.

Where is lithium-ion battery market share located?

Geographically, the lithium-ion battery market share is divided into North America, Latin America, Europe, Asia Pacific, and the Middle East & Africa. As per our findings, Asia Pacific dominates the market share during the forecast timeframe. China and Japan are considered the world's largest markets of electric vehicles.

What is the demand for lithium-ion battery cells?

Industry-specific and extensively researched technical data (partially from exclusive partnerships). A paid subscription is required for full access. The global demand for lithium-ion battery cells is forecast to increase from approximately 700 gigawatt-hours in 2022 to 4,700 gigawatt-hours in 2030.

How will rising demand for lithium-ion batteries affect the battery industry?

Rising demand for substitutes, including sodium nickel chloride batteries, lithium-air flow batteries, lead acid batteries, and solid-state batteries, in electric vehicles, energy storage, and consumer electronics is expected to restrain the growth of the lithium-ion battery industry over the forecast period.

Which region dominated the lithium-ion battery market in 2020?

The Asia-Pacific dominated the lithium-ion battery market with a share of 46.34% in 2020. Based on our analysis, the market exhibited a lower growth of about 6.2% in 2020 than 2020 as compared to the average year-on-year growth during 2017-2019.

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members that have a desire to make a [...]

The lithium-ion battery value chain is set to grow by over 30 percent annually from 2022-2030, in line with the rapid uptake of electric vehicles and other clean energy technologies. The scaling of the value chain calls for a dramatic increase in the production, refining and recycling of key minerals, but more importantly, it must take place ...

Lithium-ion Battery Market Size & Trends. The global lithium-ion battery market size was estimated at USD 54.4 billion in 2023 and is projected to register a compound annual growth rate (CAGR) of 20.3% from 2024 to 2030. ...

Founder and Managing Director at FLOWERS ANGEL CO., LTD · About ME
Specialized at lithium batteries, energy solutions, designing the lithium batteries" structure, analyzing battery failure modes, process and quality control. Welcome to throw some questions about the lithium batteries to me and talk about the details you want. <br& gt;& lt;br& gt;Yes, this is Ada from ...

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