

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.

How big is the lithium-ion battery market in 2023?

The global lithium-ion battery market was valued at USD 64.84 billion in 2023 and is projected to grow from USD 79.44 billion in 2024 to USD 446.85 billion by 2032, exhibiting a CAGR of 23.33% during the forecast period. Asia-Pacific dominated the lithium-ion battery market with a market share of 48.45% in 2023.

What drives the lithium-ion battery market?

The surge in electric vehicle production and adoption is a major driver for the lithium-ion battery market. EVs rely on lithium-ion batteries for their energy storage, leading to a significant increase in demand as more consumers and governments push for greener transportation options.

What is the competitive analysis of the lithium-ion battery market?

The competitive analysis of the market players along with their market share in the lithium-ion battery is mentioned. The SWOT analysis and Porter's Five Forces model are elaborated in the study. The value chain analysis in the market study provides a clear picture of the stakeholders' roles.

What is the global lithium market size?

The global lithium market size was estimated at USD 31.75 billion in 2023 and is expected to grow at a CAGR of 17.7% from 2024 to 2030. Vehicle electrification is projected to attract a significant volume of lithium-ion batteries, which is anticipated to drive market growth over the forecast period.

How is the lithium-ion battery market segmented?

The Lithium-Ion Battery market is segmented into products and applications in our research scope. In 2021, the LCO segment's revenue share was over 30%, which was the highest.

Aviva research suggests that more than half of businesses have experienced an issue linked to lithium-ion batteries, such as sparking, fires and explosions. In a survey of 501 UK businesses, 54% of respondents had experienced an incident, with 36% reporting they had experienced a lithium-ion battery overheating. One in five businesses (19% ...

Lithium-Ion Battery Market Size. The global lithium-ion battery market size was valued at USD 56.43 billion in 2023. It is expected to reach USD 240.90 billion in 2032, growing at a CAGR of 17.5% over the forecast period (2024-32). The surge in electric vehicle production and adoption is a major driver for the lithium-ion battery market.

12V Lithium Battery Market Insights. 12V Lithium Battery Market size was valued at USD 412 Million in 2023 and is projected to reach USD 994 Million by 2030, growing at a CAGR of 15.9% during the forecasted period 2024 to 2030.. The 12V Lithium Battery Market is a rapidly evolving sector driven by the increasing demand for efficient and durable energy storage solutions.

The lithium-ion battery market share is segmented on the basis of type, component, and application. On the basis of type, the market is divided into lithium cobalt oxide, lithium iron ...

By Product Lithium Cobalt Oxide (LCO) is projected to dominate the lithium-ion battery market's product segment with 32.7% of the market share in 2024 because of its superior energy density and lengthy-term stability. LCO ...

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The lithium-ion battery market alone is expected to exceed \$182.5 billion by 2030, ... Sunwoda offers a broad range of battery products, catering to diverse industries from consumer electronics and energy storage ...

China's lithium battery exports have experienced explosive growth this year, driven by the pull of overseas demand, according to a report by CCTV Finance on Aug 23. As per the latest data from the General Administration of Customs, the export value of lithium battery products in China increased 58.9 percent in the first seven months of this year.

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Besides, lithium titanium-oxide batteries are also an advanced version of the lithium-ion battery, which people use increasingly because of fast charging, long life, and high thermal stability. Presently, LTO anode material utilizing nanocrystals of lithium has been of interest because of the increased surface area of 100 m² /g compared to the common anode made of graphite (3 m² ...

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