

Lithium battery market forecast

What is the global lithium-ion battery market size?

The global lithium-ion battery market was estimated at USD 74.7 billion in 2024 and is expected to grow at a CAGR of 15.8% from 2025 to 2034. Lithium-ion batteries are ideal rechargeable battery used in EVs, renewable energy storage. Increasing transition towards green energy is driving market growth.

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.

Why is the lithium-ion battery market growing?

The growth in the lithium-ion batteries market is driven by several factors, including the surging demand for electric vehicles, the increasing reliance on renewable energy sources, and significant advancements in battery technology.

How much is the lithium-ion battery industry worth?

The lithium-ion battery industry has reached a value of USD 74.7 billion, USD 87.7 billion, and USD 104.3 billion in 2022, 2023, and 2024 respectively. The LFP battery is predicted to reach over USD 88 billion by 2034 owing to its unique advantages such as safety, cost-effectiveness, and durability.

How big is the Asia Pacific lithium-ion battery market?

The Asia Pacific lithium-ion battery market size surpassed USD 61.42 billion in 2025 and is expanding at a CAGR of 17.80% during the forecast period. The market sizing and forecasts are revenue-based (USD Million/Billion), with 2024 as the base year.

How big will lithium-ion batteries be in 2022?

But a 2022 analysis by the McKinsey Battery Insights team projects that the entire lithium-ion (Li-ion) battery chain, from mining through recycling, could grow by over 30 percent annually from 2022 to 2030, when it would reach a value of more than \$400 billion and a market size of 4.7 TWh. 1

The global lithium-ion battery market size is projected to increase from USD 67.34 billion to USD 634.97 billion, registering a CAGR of over 18.6% during the forecast period, from 2025 through 2037. Asia Pacific industry is expected to hold largest share of 48% by 2037, driven by rising sales of EVs in the region.

The Lithium Ion Battery Market size was valued at USD 56.12 Billion in 2023 and the total Lithium Ion Battery Market revenue is expected to grow at a CAGR of 18.25% from 2024 to 2030, reaching nearly USD 181.45 Billion. Lithium Ion ...

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Report Overview. The global Lithium Ion Battery Market size is expected to be worth around USD 307.8 billion by 2032, from USD 70.7 Billion in 2023, growing at a CAGR of 18.3% during the forecast period from 2023 to ...

The lithium Ion Battery Market was valued at USD 75.63 billion and is anticipated to reach USD 284.30 billion, with a CAGR of 18.00% by 2032. ... case studies are some of the pointers used to forecast the market scenario for individual countries. Also, the presence and availability of global brands and their challenges faced due to large or ...

The global lithium-ion battery market size is calculated at USD 115.89 billion in 2025 and is forecasted to reach around USD 499.31 billion by 2034, accelerating at a CAGR of 17.69% from 2025 to 2034. The Asia Pacific ...

Lithium-ion Battery Recycling Market is projected to reach USD 56.87 billion by 2032. Report provides crucial industry insights that will help your business grow. ... To analyze and forecast the global Lithium-ion battery recycling market on the basis of battery chemistry, source, recycling process, battery component, and region ...

The global lithium-ion battery market was worth USD 68.40 billion in 2023 to reach a valuation of USD 222.44 billion by 2032 with a CAGR of 14%. ... Middle East and Africa are predicted to experience steady expansion during the forecast period for the lithium-ion battery market. The surging demand for consumer electronics, smartphones, electric ...

Market forecast and expert KPIs for 1000+ markets in 190+ countries & territories. Explore Market Insights ... Tesla's lithium battery production volume outlook by category 2013-2020;

Lithium-ion Battery Market Size and Forecast 2025 to 2034. The global lithium-ion battery market size was estimated at USD 97.88 billion in 2024 and is anticipated to reach around USD 499.31 billion by 2034, expanding at a ...

The lithium-ion battery market is expected to grow at a CAGR of 9.43%, reaching a market size of US\$119.168 billion in 2030 from US\$75.991 billion in 2025. The market for lithium-ion batteries is driven by the growing demand for electric ...

Recycled lithium. Recycled Li-ion cells are less expensive than newly manufactured cells, and they'll begin to substantially affect the supply chain around 2027. We expect reused Li-ion to represent 11% of the supply chain by 2030. An important milestone for battery and EV manufacturers comes around 2025, when we expect the price per kWh to fall ...

Global Lithium-ion Battery Market Size is valued at USD 56.3 Billion in 2024 and is predicted to reach USD 250.7 Billion by the year 2034 at a 16.2% CAGR during the forecast period for 2025-2034. Most laptops, cell

phones, ...

The Lithium-Ion Battery Market, valued at USD 55.22B in 2023, is projected to reach USD 176.75B by 2032, growing at a 13.8% CAGR. ... In this report, for analyzing the future trends for the studied market during the forecast period, the publisher has incorporated rigorous statistical and econometric methods, further scrutinized by secondary ...

The global Lithium-ion Battery market size reached USD 45.70 Billion in 2022 and is expected to reach USD 154.40 Billion in 2032 registering a CAGR of 13.1%. Lithium-ion Battery market growth is primarily driven owing to increasing use of rechargeable batteries in rapidly growing consumer electronics industry

Our bespoke study examines, on a deep-dive basis, the changing nature of the lithium market and metal prices out to 2040 from the likely effects of automotive and battery technological advances and challenges. The far-reaching forecast provides price direction and market trends to 2040, covering: Lithium supply, demand impacts and new market ...

Lithium-ion battery market is projected to reach \$189.4 billion by 2032, growing at a CAGR of 15.2% from 2023 to 2032. ... The lithium-ion battery market forecast is segmented on the basis of component, capacity, ...

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 ...

Lithium-ion Battery Market Outlook 2031. The global market was valued at US\$ 21.3 Bn in 2021; It is estimated to expand at a CAGR of 10.8% from 2022 to 2031; The global market for lithium-ion batteries is expected to reach a value ...

It is expected to continue growing at a CAGR of 12.19%, reaching USD 221.16 billion by 2030. The scope of the lithium-ion battery market encompasses a wide range of applications, spanning consumer electronics, electric vehicles, and ...

Global Lithium-Ion Battery Market Insights Forecasts to 2030. The Lithium-Ion Battery Market Size was valued at USD 65.9 Billion in 2021. The Market is Growing at a CAGR of 19.3% from 2021 to 2030; The Worldwide Lithium-Ion ...

Market Scenario . Global lithium-ion battery market generated a revenue of US\$ 84.4 billion in 2023 and is projected to surpass the market valuation of US\$ 483.4 billion by 2032 at a CAGR of 21.40% during the forecast period 2024-2032. The lithium-ion battery market is hurtling towards a future of explosive growth and tricky challenges.

Lithium Market Size & Share Analysis - Growth Trends & Forecasts (2025 - 2030) The Global Lithium

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Market Report is Segmented by Type (Metal, Compound, and Alloy), Application (Battery, Grease, Air Treatment, Pharmaceuticals, Glass/Ceramic (Including Frits), Polymer, and Other Applications), End-user Industry (Industrial, Consumer Electronics, Energy Storage, Medical, ...

Lithium-ion Battery Market Analysis. The Li-ion battery market generated revenue of USD 54.2 billion in 2023, which is expected to witness a CAGR of 15.5% during 2024-2030, to reach USD 147.3 billion by 2030. Li-ion batteries are mostly used in hybrid and electric vehicles as well as in computers and cell phones. Since they are lightweight ...

Automotive lithium-ion (Li-ion) battery demand increased by about 65% to 550 GWh in 2022, from about 330 GWh in 2021, primarily as a result of growth in electric passenger car sales, with new registrations increasing by 55% in 2022 relative to 2021. ... (NMC) remained the dominant battery chemistry with a market share of 60%, followed by ...

Lithium decreased 4,650 CNY/T or 6.20% since the beginning of 2025, according to trading on a contract for difference (CFD) that tracks the benchmark market for this commodity. Lithium - values, historical data, forecasts and news - updated on April of 2025.

Lithium-ion battery recycling is typically composed of two main steps: pre-processing and material recovery. Pre-processing refers to batteries being discharged, dismantled, and mechanically or thermally treated to condition them to ease material and metal recovery, typically in the form of black mass.

The North America lithium-ion battery market size was estimated at USD 14.8 billion in 2023 and projected to grow at a CAGR of 20.9% from 2024 to 2030. ... and consumer electronics is expected to restrain the market growth in North ...

Dublin, Nov. 28, 2024 (GLOBE NEWSWIRE) -- The "Lithium-Ion Battery Market Report Forecast by Components, Product Type, Application, Countries and Company Analysis 2024-2032" report has been added ...

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