

# Lithium-ion battery market

The U.S. battery market size was estimated at USD 16.9 billion in 2023 and is expected to grow at a CAGR of 13.8% from 2024 to 2030. ... The lithium-ion battery segment accounted for the largest revenue share of 41.2% in 2023 and is expected to register the fastest CAGR during the forecast period. Despite electric vehicles (EVs) accounting for ...

LFP is the most prevalent chemistry in the Chinese electric car market, while NMC batteries are more common in the European and American electric car markets. China's current leading role in battery production, ... Regional EV lithium-ion battery manufacturing capacity by manufacturer headquarters, 2023 Open.

Rapid advancements in rechargeable batteries for laptops, mobile phones, electric vehicles, and digital cameras, driven by the growth in the Lithium-ion Battery (LIB) market. Rising demand for lithium batteries, lubricants, glass & ceramics, and foundry is expected to foster the growth of this market.

The lithium-ion battery market size was worth more than USD 63 billion in 2023 and is estimated to grow at over 16.5% CAGR between 2024 and 2032, on account of the rising sales of hybrid and electric vehicles globally.

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 Battery Market Overview: A lithium-ion battery, often abbreviated as Li-ion battery, is a rechargeable battery type widely used in modern ...

North America Lithium-Ion Battery Market was valued at USD 18.4 billion in 2023 and is anticipated to grow at a CAGR of over 17.1% from 2024 to 2032. The growing demand for electric vehicles (EVs) and the increasing adoption of ...

Reports Description. Rising demand for Consumer Electronics is Boosting the Demand for Lithium-Ion Battery Market.. According to Custom Market Insights (CMI), The Global Lithium-Ion Battery Market size was estimated at USD 42.5 ...

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 of US\$ 57.9 Bn by the end of 2031; Analysts' Viewpoint on Global Lithium-ion Battery Industry Scenario

The global lithium-ion battery market size was valued at \$46.2 billion in 2022, and lithium-ion battery industry is projected to reach \$189.4 billion by 2032, growing at a CAGR of 15.2% from ...

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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

**Lithium-ion Battery Market Trends:** The India lithium-ion battery market is primarily driven by the increasing demand for consumer electronics among the masses. There is a rapid shift in the consumer preference toward compact and portable devices, which has led to the escalating requirement for efficient storage and power backup solutions. ...

The market size for the global lithium-ion battery market in 2024 is \$90.23 Bn. Who are the major vendors in the global lithium-ion battery market? The major vendors in the global lithium-ion battery market are Panasonic Holdings Corp., Hitachi, Ltd., NEC Corp., Samsung SDI Co., Ltd, GS Yuasa Corp.

**Market Size & Trends.** 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. Rechargeable batteries are being used more frequently as a result of the rise in portable consumer electronics that use batteries.

The global lithium ion battery recycling market size was valued at USD 3.79 billion in 2023 and is projected to grow from USD 4.50 billion in 2024 to USD 23.21 billion by 2032, exhibiting a CAGR of 22.75% during the forecast period.

**Market Drivers.** These factors are expected to boost the demand for the market in the coming years: The increasing demand for consumer electronic products: Lithium-ion batteries are widely used in consumer electronics such as smartphones, laptops, tablets, and cameras due to their high energy density and long battery life. Increasing adoption of lithium-ion batteries in the ...

**India Lithium-ion Battery Market Report Segmentation.** This report forecasts revenue growth at India levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the India lithium-ion battery market report based on product, component, capacity ...

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. Rechargeable batteries are being ...

One question that is worth reflecting on is the degree to which new emerging--or small more "niche" markets can tolerate new battery chemistries, or whether the cost reductions associated ...

The worldwide lithium-battery market is expected to grow by a factor of 5 to 10 in the next decade. 2. The U.S. industrial base must be positioned to respond to this vast increase in . market demand that otherwise will likely benefit well-resourced and supported competitors in Asia and Europe. 2 Battery market projections provided in Figure 2.

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**Lithium Market Size & Trends** . 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. The automotive application segment is expected to ...

**Lithium-ion Battery Market Size, Share & Trends Analysis Report by Product (LCO, LFP, NCA, LMO, LTO, NMC), by Application (Consumer Electronics, Energy Storage Systems, Industrial), by Region, and Segment Forecasts, 2022-2030**

**Global Lithium-Ion Battery Market Size, Share, Forecast: By Product Type: Lithium Cobalt Oxide, Lithium Iron Phosphate, Lithium Nickel Manganese Cobalt, Lithium Manganese Oxide, Others; By Power Capacity; By Application; ...**

November 2023 | Report Format: Electronic (PDF) **Lithium-ion Battery Market Growth & Trends**. The global lithium-ion battery market size was estimated at USD 182.5 billion in 2030 and is projected to register a compound annual growth rate (CAGR) of 20.3% from 2024 to 2030. The market is expected to witness significant growth over the forecast period on account of the ...

The lithium-ion battery market size was over USD 67.34 billion in 2024 and is anticipated to reach USD 634.97 billion by the end of 2037, witnessing around 18.6% CAGR during the forecast period i.e., between 2025-2037. Asia Pacific industry is expected to hold largest share of 48% by 2037, driven by rising sales of EVs in the region.

But looking ahead to 2030, with production stops on petrol and diesel vehicles looming in a number of key markets, demand is forecast to hit 2.1 million metric tons. By this stage, EVs are expected to be the main drivers of demand for lithium. This chart visualizes worldwide lithium demand from 2019 to 2030, by use.

**Reports Description.** Rising demand for Consumer Electronics is Boosting the Demand for Lithium-Ion Battery Market.. According to Custom Market Insights (CMI), The Global Lithium-Ion Battery Market size was estimated at USD 42.5 billion in 2021 and is expected to reach USD 48.80 billion in 2022 and is anticipated to reach around USD 184.15 billion by 2030, growing at ...

The Lithium-Ion Battery Market grew from USD 98.84 billion in 2023 to USD 110.80 billion in 2024. It is expected to continue growing at a CAGR of 12.19%, reaching USD 221.16 billion by 2030.

Lithium Cobalt Oxide (LCO) batteries, known for their high energy density and long cycle life, have become a cornerstone in the India lithium-ion battery market. As of 2023, these batteries captured approximately 36% of the global Lithium-Ion battery market share, highlighting their significant role in various electronic devices.

Demand continues to rise in 2021, but supply is still tight. We forecast excess supply of just 3000 tonnes



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lithium carbonate equivalent (LCE), down from 54,000 tonnes LCE in 2020. What's driving lithium demand?  
The only way is up for lithium demand.

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