

Lithium-Ion Battery Cathode Market to Sail to US\$ 196.75 Billion by 2034 with a 20.0% CAGR - Says PMR

The growing demand for green energy repository solutions worldwide is a prominent factor driving the lithium-ion battery cathode market.

NEW YORK CITY, NY, UNITED STATES, February 6, 2025 /EINPresswire.com/ --

PMR Market Research - a leading market research firm, has announced that the Lithium-Ion Battery Cathode Market is projected to reach a value of US\$ 196.75 billion by 2034, growing at a CAGR of 20.0% from 2025 to 2034. The market is driven by the increasing demand for green energy repository solutions worldwide, which is a prominent factor driving the lithium-ion battery cathode market.

The market is expected to witness significant growth over the forecast period, with a CAGR of 20.0% from 2025 to 2034. The market is driven by the increasing demand for green energy repository solutions worldwide, which is a prominent factor driving the lithium-ion battery cathode market.



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In a lithium-ion battery, the cathode is a positive electrode where curtailment (gain of electrons) takes place. There are varied kinds of substances that configure cathode constituents. For cathode, these kinds of substances are known as cathode active substances, and the chemistry differs dependent on the deliberated gadget or application.

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These batteries are an answer to several technologies from mobile devices to electric vehicles (EVs).”

Polaris Market Research

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https://www.polarismarketresearch.com/industry-analysis/lithium-ion-battery-cathode-market/request-for-sample?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

The cathode is a metal oxide, and the anode comprises porous carbon. In the course of discharge, the ions flow from the anode to the cathode through the electrolyte and separator. Charge overturns the direction, and the ions flow from the cathode to the anode. The requirement for productive energy repositories is escalating as the world moves towards more green energy, impacting the lithium-ion battery cathode market growth favorably.

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The aggressive topography of the market is distinguished by a mixture of entrenched industry leaders, surfacing players, and ongoing technological progressions. Here are some of the leading players in the lithium-ion battery cathode market:

- BASF SE
- Fujitsu Limited
- Hitachi Chemical Co., Ltd.
- LG Chem Ltd.
- Mitsubishi Chemical Holdings Corp
- NICHIA Corporation
- Samsung SDI
- Sumitomo Chemicals
- Umicore SA

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- In October 2024, Air Liquide funded approximately USD 150 million to augment its production potential and pipeline framework in Tennessee, along with a prolonged agreement with LG Chem.
- In July 2022, Hitachi High-Tech Corporation instigated a service for the distant inspection of deterioration in automotive lithium-ion batteries.

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https://www.polarismarketresearch.com/industry-analysis/lithium-ion-battery-cathode-market/request-for-discount-pricing?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

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□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□□□□: Escalating government undertakings are notably impacting market growth. Deliberate funding in extensive battery manufacturing frameworks such as gigafactories by the government is having a favorable impact on lithium-ion battery cathode market sales.

Progressions in technology are playing an important part in market augmentation. The advancement of elevated presentation cathode substances such as NMC, NCA, and LFP is improving energy density, decreasing prices, and enhancing security which is instantly causing market growth.

Asia Pacific market share?

Asia Pacific accounted for the largest lithium-ion battery cathode market share. The region's robust growth is primarily due to its entrenched superiority in battery manufacturing and the existence of spearheading market contenders in nations such as China, Japan, and South Korea.

North America is anticipated to witness significant growth from 2025 to 2034. This can be attributed to growing funding in household battery manufacturing and the augmentation of EV production.

Market research report:

https://www.polarismarketresearch.com/industry-analysis/lithium-ion-battery-cathode-market/inquire-before-buying?utm_source=EIN&utm_medium=EIN&utm_campaign=EIN&utm_id=01

Market Outlook?

By Chemical Composition Outlook

- Lithium Cobalt Oxide
- Lithium Manganese Oxide
- Lithium Nickel Manganese Cobalt Oxide
- Lithium Iron Phosphate
- Lithium Nickel Cobalt Aluminum Oxide

By Cell Type Outlook

- Cylindrical
- Prismatic
- Polymer

By End Use Outlook

- Automotive
- Consumer Electronics
- Medical Devices
- Industrial and Energy Storage

Regional Outlook

- North America
 - o US

- o Canada

- Europe
 - o Germany
 - o France
 - o UK
 - o Italy
 - o Spain
 - o Netherlands
 - o Russia
 - o Rest of Europe

- Asia Pacific
 - o China
 - o Japan
 - o India
 - o Malaysia
 - o South Korea
 - o Indonesia
 - o Australia
 - o Vietnam
 - o Rest of Asia Pacific

- Middle East & Africa
 - o Saudi Arabia
 - o UAE
 - o Israel
 - o South Africa
 - o Rest of the Middle East & Africa

- Latin America
 - o Mexico
 - o Brazil
 - o Argentina
 - o Rest of Latin America

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What are the segments covered in the lithium-ion battery cathode market?

Segments covered in the market are chemical composition, cell type, and end use.

What is the regional scope of the lithium-ion battery cathode market?

The market covers regions such as North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

What is the forecast period of the market?

The forecast period of the market is from 2025 to 2034.

How much is the market value?

The market size was valued at USD 31.86 billion in 2024 and is projected to grow to USD 196.75 billion by 2034.

Polymers Market's Global Market Research & Forecast, 2025-2034: Polymers Market is valued at USD 31.86 billion in 2024 and is projected to grow to USD 196.75 billion by 2034, at a CAGR of 10.0%.

Polymers Market Research Report:

Anhydrous Hydrogen Fluoride Market:

<https://www.polarismarketresearch.com/industry-analysis/anhydrous-hydrogen-fluoride-market>

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Polymers Market Research & Forecast, 2025-2034:

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