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Global Negative-electrode Materials for Lithium Ion Battery Market Growth 2025-2031

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Abstracts

The global Negative-electrode Materials for Lithium Ion Battery market size is predicted to grow from US$ million in 2025 to US$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Negative-electrode materials, typically composed of materials like graphite or silicon, are integral components of lithium-ion batteries. These materials play a crucial role in storing and releasing lithium ions during battery charging and discharging cycles. High-quality negative-electrode materials contribute to the performance and capacity of lithium-ion batteries, making them a critical focus of research and development in the energy storage industry.

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the loading capacity of new energy vehicle power battery was about 295 GWh, and the new

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energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

LP Information, Inc. (LPI) ' newest research report, the “Negative-electrode Materials for Lithium Ion Battery Industry Forecast” looks at past sales and reviews total world Negative-electrode Materials for Lithium Ion Battery sales in 2024, providing a comprehensive analysis by region and market sector of projected Negative-electrode Materials for Lithium Ion Battery sales for 2025 through 2031. With Negative-electrode Materials for Lithium Ion Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Negative-electrode Materials for Lithium Ion Battery industry.

This Insight Report provides a comprehensive analysis of the global Negative-electrode Materials for Lithium Ion Battery landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Negative-electrode Materials for Lithium Ion Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Negative-electrode Materials for Lithium Ion Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Negative-electrode Materials for Lithium Ion Battery and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Negative-electrode Materials for Lithium Ion Battery.

This report presents a comprehensive overview, market shares, and growth opportunities of Negative-electrode Materials for Lithium Ion Battery market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Artificial Graphite

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Natural Graphite

Other

Segmentation by Application:

3C Electronics

Electric Car

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

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Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Mitsubishi Chemical

Btr New Material Group Co.,ltd.

Shanghai Putailai New Energy Technology Co.,Ltd.

Ningbo Shanshan Co.,Ltd.

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Hitachi Chemical

Guangdong Kaijin New Energy Technology

POSCO Chemicals

Yunnan Zhongke Xingcheng Graphite

Shijiazhuang Shangtai Technology

Shenzhen XFH Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Negative-electrode Materials for Lithium Ion Battery market?
What factors are driving Negative-electrode Materials for Lithium Ion Battery market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Negative-electrode Materials for Lithium Ion Battery market opportunities vary by end market size?
How does Negative-electrode Materials for Lithium Ion Battery break out by Type, by Application?

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Contents

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3 GLOBAL BY COMPANY

4 WORLD HISTORIC REVIEW FOR NEGATIVE-ELECTRODE MATERIALS FOR LITHIUM ION BATTERY BY GEOGRAPHIC REGION

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5 AMERICAS

6 APAC

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13 KEY PLAYERS ANALYSIS

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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