

Global SiX Anode Materials for Li-ion Battery Market Growth 2023-2029

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Abstracts

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The anode is the negative electrode of a primary cell and is always associated with the oxidation or the release of electrons into the external circuit. In a rechargeable cell, the anode is the negative pole during discharge and the positive pole during charge.

The vast majority of lithium-ion batteries use graphite powder as an anode material. Graphite materials are either synthetically-produced (artificial graphite) or mined from the ground (natural graphite), then heavily processed before being baked onto a copper foil to serve as anodes.

LPI (LP Information)' newest research report, the "SiX Anode Materials for Li-ion Battery Industry Forecast" looks at past sales and reviews total world SiX Anode Materials for Li-ion Battery sales in 2022, providing a comprehensive analysis by region and market sector of projected SiX Anode Materials for Li-ion Battery sales for 2023 through 2029. With SiX Anode Materials for Li-ion Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SiX Anode Materials for Li-ion Battery industry.

This Insight Report provides a comprehensive analysis of the global SiX Anode Materials for Li-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 SiX Anode Materials for Li-ion Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global SiX Anode Materials for Li-ion Battery

market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SiX Anode Materials for Li-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 SiX Anode Materials for Li-ion Battery.

The global SiX Anode Materials for Li-ion Battery market size is projected to grow from US\$ 4582.1 million in 2022 to US\$ 17360 million in 2029; it is expected to grow at a CAGR of 17360 from 2023 to 2029.

Global key players of anode materials for Li-Ion battery include BTR, Shanghai Putailai (Jiangxi Zichen), etc. Global top 3 companies hold a share over 40%. China is the largest market, with a share over 70%, followed by Japan with the share about 20%. In terms of product, artificial graphite is the largest segment, with a share over 80%. And in terms of application, the largest application is automotive, with a share about 60%.

This report presents a comprehensive overview, market shares, and growth opportunities of SiX Anode Materials for Li-ion Battery market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

SiOx

SiC

Others

Segmentation by application

Automotive

Consumer Electronics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

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 analyzing the company's coverage, product portfolio, its market penetration.

BTR

Hitachi Chemical

Shanshan Corporation

Shin-Etsu Chemical

Jiangxi Zichen Technology

Materion

OSAKA Titanium Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global SiX Anode Materials for Li-ion Battery

market?

What factors are driving SiX Anode Materials for Li-ion Battery market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do SiX Anode Materials for Li-ion Battery market opportunities vary by end market size?

How does SiX Anode Materials for Li-ion Battery break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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