

Global Si-Based Anode Materials for Li-Ion Batteries Market Growth 2023-2029

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Abstracts

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Anodes based on silicon are one of the most promising candidates for the next generation high performance Li-ion batteries, due to Si's high theoretical lithium storage capacity of 4200 mAh g⁻¹, which is more than ten times that of currently used graphite based materials.

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

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

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Si-Based Anode Materials for Li-Ion Batteries 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 Si-Based Anode Materials for Li-Ion Batteries.

The global Si-Based Anode Materials for Li-Ion Batteries market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Si-Based Anode Materials for Li-Ion Batteries is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Si-Based Anode Materials for Li-Ion Batteries is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Si-Based Anode Materials for Li-Ion Batteries is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Si-Based Anode Materials for Li-Ion Batteries players cover Hitachi Chemical, BTR, Shin-Etsu Chemical, Showa Denko, OSAKA Titanium Technologies, GS Caltex Corporation, Daejoo, Shanshan Corporation and Jiangxi Zichen Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Si-Based Anode Materials for Li-Ion Batteries market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

SiO/C

Si/C

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.

Hitachi Chemical

BTR

Shin-Etsu Chemical

Showa Denko

OSAKA Titanium Technologies

GS Caltex Corporation

Daejoo

Shanshan Corporation

Jiangxi Zichen Technology

Jiangxi Zhengtuo New Energy

Key Questions Addressed in this Report

What is the 10-year outlook for the global Si-Based Anode Materials for Li-Ion Batteries market?

What factors are driving Si-Based Anode Materials for Li-Ion Batteries market growth, globally and by region?

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

How do Si-Based Anode Materials for Li-Ion Batteries market opportunities vary by end market size?

How does Si-Based Anode Materials for Li-Ion Batteries break out type, application?

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

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