+44 20 8123 2220
info@marketpublishers.com

Lithium-Ion Battery Anode Market by Materials (Active Anode Materials and Anode Binders), Battery Product (Cell and Battery Pack), End-Use (Automotive and Non-Automotive), and Region (Asia Pacific, Europe, and North America) - Global Forecast to 2028

https://marketpublishers.com/r/L4A379DD1A36EN.html
Date: April 2024
Pages: 209
Price: US$ 4,950.00 (Single User License)
ID: L4A379DD1A36EN

Abstracts

The Lithium-Ion Battery Anode Market is projected to grow from USD 12.0 billion in 2023 to USD 46.5 billion by 2028, at a CAGR of 31.2% during the forecast period. The surge in the market is driven by a double threat: affordability. They offer a cost-effective solution for large-scale energy storage in renewables, perfect for managing wind and solar power fluctuations. Their reliance on standard sodium also positions them as a more sustainable option, aligning perfectly with the global push to reduce our environmental impact.

“The Natural Graphite active anode segment, by material, is projected to register the highest CAGR during the forecast period, in terms of value.”

The natural graphite active anode material is projected to be the fastest-growing material during the forecast period. The material is preferred for its optimal qualities, making it widely used in lithium-ion battery anodes. This material is experiencing growth driven by its cost-effectiveness, lower environmental impact, higher capacity, and potential for increased market penetration. The demand for natural graphite active anode materials is mainly fueled by the global surge in battery electric vehicle adoption, supported by government policies, infrastructure development, consumer preferences, and advancing technologies reducing manufacturing costs.

“The automotive segment by end-use accounts for the largest lithium-ion battery anode during the forecast period in terms of value.”

Electric vehicles (EVs) are poised for a significant surge, fueled in part by stricter environmental regulations and a growing emphasis on clean air. Public awareness about sustainability and the benefits of clean fuels is driving consumer demand for EVs, which in turn is pushing the need for more lithium-ion battery anodes. Additionally, government initiatives offering incentives and subsidies for EV purchases are further accelerating market growth.

“Asia Pacific is projected to account for the largest share lithium-ion battery anode market during the forecast period, in terms of value.”

The Asia Pacific region is poised to dominate the lithium-ion battery anode market, reaching a projected value of USD 39.4 billion by 2028. This leadership role is fueled by a perfect storm. The region has become a manufacturing powerhouse, particularly in the automotive sector. Improved infrastructure and industrialization are attracting Original Equipment Manufacturers (OEMs) to set up shop, leading to a surge in car production. At the same time, rising disposable incomes are putting more money in people's pockets, boosting demand for consumer electronics. Both trends translate to a growing need for lithium-ion batteries, and consequently, their key component: lithium-ion battery anodes. This confluence of a thriving automotive industry and a booming consumer electronics market cements Asia Pacific's position as the undisputed leader in the lithium-ion battery anode market.

This study was validated through primary interviews conducted with various industry experts worldwide. The primary sources were divided into three categories, namely, company type, designation, and region.

By Company Type– Tier 1 – 40%, Tier 2 – 20%, and Tier 3 – 40%

By Designation– C-level Executives – 20%, Director Level– 50%, and Others–30%

By Region– North America – 20%, Europe – 10%, Asia Pacific – 40%, Rest of the World– 30%

The report profiles several leading players of the lithium-ion battery anode market that include Ningbo Shanshan Co., Ltd. (China), Jiangxi Zhengtuo New Energy Technology (China), Resonac Holdings Corporation (Japan), POSCO FUTURE M (South Korea),

Mitsubishi Chemical Group Corporation (Japan), and SGL Carbon (Germany). The report also includes detailed information about various growth strategies adopted by these key players to strengthen their position in the lithium-ion battery anode market.

Research Coverage:

The report defines, segments, and projects the lithium-ion battery anode market based on materials, battery product, end-use, and region. It provides detailed information regarding the major factors influencing the growth of the market, such as drivers, restraints, opportunities, and challenges. It strategically profiles, lithium-ion battery anode manufacturers and comprehensively analyses their market shares and core competencies as well as tracks and analyzes competitive developments, such as expansions, joint ventures, agreements, and acquisitions, undertaken by them in the market.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants in the market by providing them the closest approximations of revenue numbers of the lithium-ion battery anode market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the competitive landscape of the market, gain insights to improve the position of their businesses, and make suitable go-to-market strategies. It also enables stakeholders to understand the pulse of the market and provide them information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Increase in demand for EV vehicles, Growing need for automation and battery-operated equipment in industries, High demand for lithium-ion batteries for industrial applications, Increase in R&D initiatives by lithium-ion battery manufacturers), restraints (Safety issues related to storage and transportation of lithium-ion batteries), opportunities (Innovation and technology advances in lithium-ion battery anode materials, Increasing adoption of lithium-ion batteries in new applications), and challenges (Overheating of lithium-ion batteries, High cost of battery-operated industrial vehicles) influencing the growth of the lithium-ion battery anode market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities in the Lithium-Ion Battery Anode Market.

+44 20 8123 2220
info@marketpublishers.com

Market Development: Comprehensive information about lucrative markets – the report analyses the Lithium-Ion Battery Anode Market across varied regions.

Market Diversification: Exhaustive information about various types, untapped geographies, recent developments, and investments in the Lithium-Ion Battery Anode market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players such as Ningbo Shanshan Co., Ltd. (China), Jiangxi Zhengtuo New Energy Technology (China), Resonac Holdings Corporation (Japan), POSCO FUTURE M (South Korea), Mitsubishi Chemical Group Corporation (Japan), and SGL Carbon (Germany) and others in the lithium-ion battery anode market.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Lithium-Ion Battery Anode Market by Materials (Active Anode Materials and Anode Binders), Battery Product (Cell and Battery Pack), End-Use (Automotive and Non-Automotive), and Region (Asia Pacific, Europe, and North America) - Global Forecast to 2028

Product link: https://marketpublishers.com/r/L4A379DD1A36EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/L4A379DD1A36EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970