

Sodium-Ion Battery Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Sodium-Ion Battery Market Trends and Forecast

The future of the global sodium-ion battery market looks promising with opportunities in the automotive, consumer electronic, energy storage, and industrial sectors. The global sodium-ion battery market is expected to reach an estimated \$2.6 billion by 2028 with a CAGR of 16.2% from 2023 to 2028. The major drivers for this market are rising interest in sodium-ion batteries as a replacement for lithium-ion batteries and expanding usage of these batteries as an intermittent energy source like wind and solar, and growing trend low-speed electric cars across the globe.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Sodium-Ion Battery Market by Segment

The study includes a forecast for the global sodium-ion battery market by technology, end use industry, and region, as follows:

Sodium-Ion Battery Market by Technology [Value (\$B) Shipment Analysis from 2017 to 2028]:

Sodium Sulphur Battery

Sodium Salt Battery

Sodium Air Battery

Sodium-Ion Battery Market by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Automotive

Consumer Electronics

Energy Storage

Industrial

Others

Sodium-Ion Battery Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Sodium-Ion Battery Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies sodium-ion battery companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the sodium-ion battery companies profiled in this report include.

Faradion

Contemporary Amperex Technology(CATL)

NGK Insulators

TIAMAT SAS

HiNa Battery Technology

Sodium-Ion Battery Market Insights

Lucintel forecasts that sodium sulphur battery will remain the largest segment over the forecast period owing to its characteristic, such as high charge of discharge efficiency, good energy density and longer lifespan.

Energy storage is expected to remain the largest segment due to the increasing consumption rate of electricity in developing countries and expanding use of smart grids necessitates the use of battery energy storage systems to control voltage and frequency deviations.

APAC will remain the largest region due to the growing popularity for e-vehicles, and increasing investments in energy storage technologies in the region.

Features of the Sodium-Ion Battery Market

Market Size Estimates: Sodium-ion battery market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Sodium-ion battery market size by various segments, such as by technology, end use industry, and region

Regional Analysis: Sodium-ion battery market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different by technology, end use industry, and regions for the sodium-ion battery market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the sodium-ion battery market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the sodium-ion battery market size?

Answer: The global sodium-ion battery market is expected to reach an estimated \$2.6 billion by 2028.

Q2. What is the growth forecast for sodium-ion battery market?

Answer: The global sodium-ion battery market is expected to grow with a CAGR of 16.2% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the sodium-ion battery market?

Answer: The major drivers for this market are rising interest in sodium-ion batteries as a replacement for lithium-ion batteries and expanding usage of these batteries as an intermittent energy source like wind and solar, and growing trend low-speed electric cars across the globe.

Q4. What are the major segments for sodium-ion battery market?

Answer: The future of the sodium-ion battery market looks promising with opportunities in the automotive, consumer electronic, energy storage, and industrial sectors.

Q5. Who are the key sodium-ion battery companies?

Answer: Some of the key sodium-ion battery companies are as follows:

Faradion

Contemporary Amperex Technology

NGK Insulators

TIAMAT SAS

HiNa Battery Technology

Q6. Which sodium-ion battery segment will be the largest in future?

Answer: Lucintel forecasts that sodium sulphur battery will remain the largest segment over the forecast period owing to its characteristic, such as high charge of discharge efficiency, good energy density and longer lifespan.

Q7. In sodium-ion battery market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region due to the growing popularity for e-vehicles, and increasing investments in energy storage technologies in the region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the sodium-ion battery market by technology (sodium sulphur battery, sodium salt battery, and sodium air battery), end use industry (automotive, consumer electronics, energy storage, industrial, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

- Q.6. What are the emerging trends in this market and the reasons behind them?
- Q.7. What are some of the changing demands of customers in the market?
- Q.8. What are the new developments in the market? Which companies are leading these developments?
- Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?
- Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?
- Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to sodium-ion battery market or related to sodium-ion battery companies, sodium-ion battery market size, sodium-ion battery market share, sodium-ion battery market growth, sodium-ion battery market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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