

Global Sodium-Sulfur Battery for Energy Storage Market Growth 2023-2029

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Abstracts

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Sodium-Sulfur Battery for Energy Storage is a type of molten-salt battery constructed from liquid sodium (Na) and sulfur (S). This type of battery has a high energy density (its energy density is 5 times that of a lead-acid battery), high efficiency of charge/discharge and long cycle life (>1000), and is fabricated from inexpensive and non-toxic materials. The operating temperatures of 300 to 350 °C and the highly corrosive nature of the sodium polysulfides, primarily make them suitable for stationary energy storage applications.

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

This Insight Report provides a comprehensive analysis of the global Sodium-Sulfur Battery for Energy Storage 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 Sodium-Sulfur Battery for Energy Storage portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Sodium-Sulfur Battery for Energy Storage market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Sodium-Sulfur Battery for Energy Storage 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 Sodium-Sulfur Battery for Energy Storage.

The global Sodium-Sulfur Battery for Energy Storage 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 Sodium-Sulfur Battery for Energy Storage 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 Sodium-Sulfur Battery for Energy Storage 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 Sodium-Sulfur Battery for Energy Storage is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Sodium-Sulfur Battery for Energy Storage players cover NGK INSULATORS, LTD, BASF New Business GmbH, Ceramtec, General Electric, Ford, Sumitomo Electric Industries, Ltd., Eagle Picher Technologies LLC and Shanghai Electric Power Company Limited, 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 Sodium-Sulfur Battery for Energy Storage market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Portable Sodium-Sulfur Battery

Stationary Sodium-Sulfur Battery

Others

Segmentation by application

Transmission and Distribution

Peak-shaving and Valley-filling

Independent Power Generation Systems

Renewable Energy Grid Connection

Transportation and Heavy Machinery

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.

NGK INSULATORS, LTD

BASF New Business GmbH

Ceramatec

General Electric

Ford

Sumitomo Electric Industries, Ltd.

Eagle Picher Technologies LLC

Shanghai Electric Power Company Limited

Key Questions Addressed in this Report

What is the 10-year outlook for the global Sodium-Sulfur Battery for Energy Storage market?

What factors are driving Sodium-Sulfur Battery for Energy Storage market growth, globally and by region?

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

How do Sodium-Sulfur Battery for Energy Storage market opportunities vary by end market size?

How does Sodium-Sulfur Battery for Energy Storage break out type, application?

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

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