

# Global Sodium-Sulfur Battery Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/G292519378A2EN.html>

Date: April 2024

Pages: 77

Price: US\$ 3,450.00 (Single User License)

ID: G292519378A2EN

## Abstracts

This report studies the Sodium-Sulfur Battery (NaS) market, A sodium–sulfur battery is a type of molten-salt battery constructed from liquid sodium (Na) and sulfur (S). This type of battery has a high energy density, high efficiency of charge/discharge (89–92%) and long cycle life, and is fabricated from inexpensive materials. However, because of the operating temperatures of 300 to 350 °C and the highly corrosive nature of the sodium polysulfides, such cells are primarily suitable for large-scale non-mobile applications such as grid energy storage.

According to APO Research, The global Sodium-Sulfur Battery market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

NGK, Sesse-Power, Wuhuhaili and Qintang New Energy are the main producers of sodium-sulfur batteries, NGK accounts for about 40 % of the market.

Japan is the largest production regions of Sodium-Sulfur Battery, with a production value market share nearly 80%. The second place is China with the market share about 10%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Sodium-Sulfur Battery, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Sodium-Sulfur Battery.

The Sodium-Sulfur Battery market size, estimations, and forecasts are provided in terms of sales volume (MW) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Sodium-Sulfur Battery market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

NGK

Sesse-power

Wuhuhaili

Qintang New Energy

### Sodium-Sulfur Battery segment by Type

Private Portable Sodium Sulfur Battery

Industrial Sodium and Sulfur Battery

## Sodium-Sulfur Battery segment by Application

Power Industry

Renewable Energy Industry

Other

## Sodium-Sulfur Battery Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The

report also focuses on the competitive landscape of the global Sodium-Sulfur Battery market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Sodium-Sulfur Battery and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Sodium-Sulfur Battery.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Sodium-Sulfur Battery manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Sodium-Sulfur Battery in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Sodium-Sulfur Battery Market Size Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Sodium-Sulfur Battery Sales Estimates and Forecasts (2019-2030)
- 1.3 Sodium-Sulfur Battery Market by Type
  - 1.3.1 Private Portable Sodium Sulfur Battery
  - 1.3.2 Industrial Sodium and Sulfur Battery
- 1.4 Global Sodium-Sulfur Battery Market Size by Type
  - 1.4.1 Global Sodium-Sulfur Battery Market Size Overview by Type (2019-2030)
  - 1.4.2 Global Sodium-Sulfur Battery Historic Market Size Review by Type (2019-2024)
  - 1.4.3 Global Sodium-Sulfur Battery Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America Sodium-Sulfur Battery Sales Breakdown by Type (2019-2024)
  - 1.5.2 Europe Sodium-Sulfur Battery Sales Breakdown by Type (2019-2024)
  - 1.5.3 Asia-Pacific Sodium-Sulfur Battery Sales Breakdown by Type (2019-2024)
  - 1.5.4 Latin America Sodium-Sulfur Battery Sales Breakdown by Type (2019-2024)
  - 1.5.5 Middle East and Africa Sodium-Sulfur Battery Sales Breakdown by Type (2019-2024)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 Sodium-Sulfur Battery Industry Trends
- 2.2 Sodium-Sulfur Battery Industry Drivers
- 2.3 Sodium-Sulfur Battery Industry Opportunities and Challenges
- 2.4 Sodium-Sulfur Battery Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Sodium-Sulfur Battery Revenue (2019-2024)
- 3.2 Global Top Players by Sodium-Sulfur Battery Sales (2019-2024)
- 3.3 Global Top Players by Sodium-Sulfur Battery Price (2019-2024)
- 3.4 Global Sodium-Sulfur Battery Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Sodium-Sulfur Battery Key Company Manufacturing Sites & Headquarters
- 3.6 Global Sodium-Sulfur Battery Company, Product Type & Application
- 3.7 Global Sodium-Sulfur Battery Company Commercialization Time

### 3.8 Market Competitive Analysis

3.8.1 Global Sodium-Sulfur Battery Market CR5 and HHI

3.8.2 Global Top 5 and 10 Sodium-Sulfur Battery Players Market Share by Revenue in 2023

3.8.3 2023 Sodium-Sulfur Battery Tier 1, Tier 2, and Tier

## 4 SODIUM-SULFUR BATTERY REGIONAL STATUS AND OUTLOOK

4.1 Global Sodium-Sulfur Battery Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Sodium-Sulfur Battery Historic Market Size by Region

4.2.1 Global Sodium-Sulfur Battery Sales in Volume by Region (2019-2024)

4.2.2 Global Sodium-Sulfur Battery Sales in Value by Region (2019-2024)

4.2.3 Global Sodium-Sulfur Battery Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Sodium-Sulfur Battery Forecasted Market Size by Region

4.3.1 Global Sodium-Sulfur Battery Sales in Volume by Region (2025-2030)

4.3.2 Global Sodium-Sulfur Battery Sales in Value by Region (2025-2030)

4.3.3 Global Sodium-Sulfur Battery Sales (Volume & Value), Price and Gross Margin (2025-2030)

## 5 SODIUM-SULFUR BATTERY BY APPLICATION

5.1 Sodium-Sulfur Battery Market by Application

5.1.1 Power Industry

5.1.2 Renewable Energy Industry

5.1.3 Other

5.2 Global Sodium-Sulfur Battery Market Size by Application

5.2.1 Global Sodium-Sulfur Battery Market Size Overview by Application (2019-2030)

5.2.2 Global Sodium-Sulfur Battery Historic Market Size Review by Application (2019-2024)

5.2.3 Global Sodium-Sulfur Battery Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Sodium-Sulfur Battery Sales Breakdown by Application (2019-2024)

5.3.2 Europe Sodium-Sulfur Battery Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Sodium-Sulfur Battery Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Sodium-Sulfur Battery Sales Breakdown by Application



(2019-2024)

5.3.5 Middle East and Africa Sodium-Sulfur Battery Sales Breakdown by Application

(2019-2024)

## **6 COMPANY PROFILES**

### **6.1 NGK**

6.1.1 NGK Company Information

6.1.2 NGK Business Overview

6.1.3 NGK Sodium-Sulfur Battery Sales, Revenue and Gross Margin (2019-2024)

6.1.4 NGK Sodium-Sulfur Battery Product Portfolio

6.1.5 NGK Recent Developments

### **6.2 Sesse-power**

6.2.1 Sesse-power Company Information

6.2.2 Sesse-power Business Overview

6.2.3 Sesse-power Sodium-Sulfur Battery Sales, Revenue and Gross Margin  
(2019-2024)

6.2.4 Sesse-power Sodium-Sulfur Battery Product Portfolio

6.2.5 Sesse-power Recent Developments

### **6.3 Wuhuhaili**

6.3.1 Wuhuhaili Company Information

6.3.2 Wuhuhaili Business Overview

6.3.3 Wuhuhaili Sodium-Sulfur Battery Sales, Revenue and Gross Margin (2019-2024)

6.3.4 Wuhuhaili Sodium-Sulfur Battery Product Portfolio

6.3.5 Wuhuhaili Recent Developments

### **6.4 Qintang New Energy**

6.4.1 Qintang New Energy Company Information

6.4.2 Qintang New Energy Business Overview

6.4.3 Qintang New Energy Sodium-Sulfur Battery Sales, Revenue and Gross Margin  
(2019-2024)

6.4.4 Qintang New Energy Sodium-Sulfur Battery Product Portfolio

6.4.5 Qintang New Energy Recent Developments

## **7 NORTH AMERICA BY COUNTRY**

### **7.1 North America Sodium-Sulfur Battery Sales by Country**

7.1.1 North America Sodium-Sulfur Battery Sales Growth Rate (CAGR) by Country:  
2019 VS 2023 VS 2030

7.1.2 North America Sodium-Sulfur Battery Sales by Country (2019-2024)

- 7.1.3 North America Sodium-Sulfur Battery Sales Forecast by Country (2025-2030)
- 7.2 North America Sodium-Sulfur Battery Market Size by Country
  - 7.2.1 North America Sodium-Sulfur Battery Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 7.2.2 North America Sodium-Sulfur Battery Market Size by Country (2019-2024)
  - 7.2.3 North America Sodium-Sulfur Battery Market Size Forecast by Country (2025-2030)

## **8 EUROPE BY COUNTRY**

- 8.1 Europe Sodium-Sulfur Battery Sales by Country
  - 8.1.1 Europe Sodium-Sulfur Battery Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 8.1.2 Europe Sodium-Sulfur Battery Sales by Country (2019-2024)
  - 8.1.3 Europe Sodium-Sulfur Battery Sales Forecast by Country (2025-2030)
- 8.2 Europe Sodium-Sulfur Battery Market Size by Country
  - 8.2.1 Europe Sodium-Sulfur Battery Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 8.2.2 Europe Sodium-Sulfur Battery Market Size by Country (2019-2024)
  - 8.2.3 Europe Sodium-Sulfur Battery Market Size Forecast by Country (2025-2030)

## **9 ASIA-PACIFIC BY COUNTRY**

- 9.1 Asia-Pacific Sodium-Sulfur Battery Sales by Country
  - 9.1.1 Asia-Pacific Sodium-Sulfur Battery Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 9.1.2 Asia-Pacific Sodium-Sulfur Battery Sales by Country (2019-2024)
  - 9.1.3 Asia-Pacific Sodium-Sulfur Battery Sales Forecast by Country (2025-2030)
- 9.2 Asia-Pacific Sodium-Sulfur Battery Market Size by Country
  - 9.2.1 Asia-Pacific Sodium-Sulfur Battery Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 9.2.2 Asia-Pacific Sodium-Sulfur Battery Market Size by Country (2019-2024)
  - 9.2.3 Asia-Pacific Sodium-Sulfur Battery Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA BY COUNTRY**

- 10.1 Latin America Sodium-Sulfur Battery Sales by Country
  - 10.1.1 Latin America Sodium-Sulfur Battery Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

- 10.1.2 Latin America Sodium-Sulfur Battery Sales by Country (2019-2024)
- 10.1.3 Latin America Sodium-Sulfur Battery Sales Forecast by Country (2025-2030)
- 10.2 Latin America Sodium-Sulfur Battery Market Size by Country
  - 10.2.1 Latin America Sodium-Sulfur Battery Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 10.2.2 Latin America Sodium-Sulfur Battery Market Size by Country (2019-2024)
  - 10.2.3 Latin America Sodium-Sulfur Battery Market Size Forecast by Country (2025-2030)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

- 11.1 Middle East and Africa Sodium-Sulfur Battery Sales by Country
  - 11.1.1 Middle East and Africa Sodium-Sulfur Battery Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 11.1.2 Middle East and Africa Sodium-Sulfur Battery Sales by Country (2019-2024)
  - 11.1.3 Middle East and Africa Sodium-Sulfur Battery Sales Forecast by Country (2025-2030)
- 11.2 Middle East and Africa Sodium-Sulfur Battery Market Size by Country
  - 11.2.1 Middle East and Africa Sodium-Sulfur Battery Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
  - 11.2.2 Middle East and Africa Sodium-Sulfur Battery Market Size by Country (2019-2024)
  - 11.2.3 Middle East and Africa Sodium-Sulfur Battery Market Size Forecast by Country (2025-2030)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

- 12.1 Sodium-Sulfur Battery Value Chain Analysis
  - 12.1.1 Sodium-Sulfur Battery Key Raw Materials
  - 12.1.2 Key Raw Materials Price
  - 12.1.3 Raw Materials Key Suppliers
  - 12.1.4 Manufacturing Cost Structure
  - 12.1.5 Sodium-Sulfur Battery Production Mode & Process
- 12.2 Sodium-Sulfur Battery Sales Channels Analysis
  - 12.2.1 Direct Comparison with Distribution Share
  - 12.2.2 Sodium-Sulfur Battery Distributors
  - 12.2.3 Sodium-Sulfur Battery Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

## I would like to order

Product name: Global Sodium-Sulfur Battery Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/G292519378A2EN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G292519378A2EN.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**

Customer signature \_\_\_\_\_

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

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

