

# Global Lithium-Sulfur Battery Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Lithium-Sulfur Battery market size is expected to reach \$ 274 million by 2029, rising at a market growth of 33.4% CAGR during the forecast period (2023-2029).

Global key players of lithium-sulfur battery include OXIS Energy (Johnson Matthey), Sion Power, PolyPlus, etc. The top three players hold a share about 81%. Europe is the largest producer, has a share about 68%, followed by North America, with share 32%. The largest market is Europe, with a share about 67%, followed by North America and Asia-Pacific, with share 30% and 2%, separately.

The lithium-sulfur battery (Li-S battery) is a type of rechargeable battery, notable for its high specific energy. The low atomic weight of lithium and moderate atomic weight of sulfur means that Li-S batteries are relatively light (about the density of water).

This report studies the global Lithium-Sulfur Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lithium-Sulfur Battery, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Lithium-Sulfur Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Lithium-Sulfur Battery total production and demand, 2018-2029, (K Units)

Global Lithium-Sulfur Battery total production value, 2018-2029, (USD Million)

Global Lithium-Sulfur Battery production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Lithium-Sulfur Battery consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Lithium-Sulfur Battery domestic production, consumption, key domestic manufacturers and share

Global Lithium-Sulfur Battery production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Lithium-Sulfur Battery production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Lithium-Sulfur Battery production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Lithium-Sulfur Battery market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include OXIS Energy (Johnson Matthey), Sion Power, PolyPlus, Sony, LG Chem Ltd, Reactor Institute Delft, Dalian Institute of Chemical Physics (DICP) of the Chinese Academy of Sciences, Shanghai Research Institute of Silicate and Stanford University, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Lithium-Sulfur Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Lithium-Sulfur Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Lithium-Sulfur Battery Market, Segmentation by Type

High Energy Density Lithium Sulfur Battery

Low Energy Density Lithium Sulfur Battery

#### Global Lithium-Sulfur Battery Market, Segmentation by Application

Aviation

Automotive

Others

#### Companies Profiled:

OXIS Energy (Johnson Matthey)

Sion Power

PolyPlus

Sony

LG Chem Ltd

Reactor Institute Delft

Dalian Institute of Chemical Physics (DICP) of the Chinese Academy of Sciences

Shanghai Research Institute of Silicate

Stanford University

Daegu Institute of science and technology, Korea

Monash University

Gwangju Institute of Science and Technology

Kansai University

## Key Questions Answered

1. How big is the global Lithium-Sulfur Battery market?
2. What is the demand of the global Lithium-Sulfur Battery market?
3. What is the year over year growth of the global Lithium-Sulfur Battery market?
4. What is the production and production value of the global Lithium-Sulfur Battery market?

5. Who are the key producers in the global Lithium-Sulfur Battery market?

6. What are the growth factors driving the market demand?

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