

Global Sodium-Based Batteries Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Sodium-Based Batteries market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The sodium-ion battery (NIB or SIB) is a type of rechargeable battery that uses sodium ions (Na⁺) as its charge carriers. Its working principle and cell construction are almost identical with those of lithium-ion battery (LIB) types, but replace lithium with sodium. Sodium-ion batteries are garnering attention as technological advancements suggest that, compared to lithium-ion batteries, they could achieve similar performance in a wider range of applications, all without the supply chain headaches. Sodium is more abundant than the metals used in lithium-ion batteries, which makes it less expensive and more environmentally friendly to source. The concentration of sodium in the Earth's crust is 500 times that of lithium, and it can also be extracted from seawater. Sodium-ion batteries are also safer because they are nonflammable and less susceptible to temperature changes than lithium-ion batteries.

This report studies the global Sodium-Based Batteries production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Sodium-Based Batteries, 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 Sodium-Based Batteries that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Sodium-Based Batteries total production and demand, 2018-2029, (K Units)

Global Sodium-Based Batteries total production value, 2018-2029, (USD Million)

Global Sodium-Based Batteries production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Sodium-Based Batteries consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Sodium-Based Batteries domestic production, consumption, key domestic manufacturers and share

Global Sodium-Based Batteries production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Sodium-Based Batteries production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Sodium-Based Batteries production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Sodium-Based Batteries 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 Natron Energy, TIAMAT SAS, Altris AB, TerraPower, LLC, KISHIDA CHEMICAL, Panasonic, Mitsubishi Chemical Group, Reliance Industries Limited(Faradion) and NGK INSULATORS,LTD., 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 Sodium-Based Batteries market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/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 Sodium-Based Batteries Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Sodium-Based Batteries Market, Segmentation by Type

Liquid Electrolytes SIB

All-Solid-State SIB

Global Sodium-Based Batteries Market, Segmentation by Application

Electric Vehicle

Portable Electronic Devices

Stationary Energy Installations

Companies Profiled:

Natron Energy

TIAMAT SAS

Altris AB

TerraPower, LLC

KISHIDA CHEMICAL

Panasonic

Mitsubishi Chemical Group

Reliance Industries Limited(Faradion)

NGK INSULATORS,LTD.

Aquion Energy

AMTE Power

CATL

HiNa Battery Technology Co.,Ltd

Ningbo Ronbay New Energy

ZOOLNASH

Key Questions Answered

1. How big is the global Sodium-Based Batteries market?
2. What is the demand of the global Sodium-Based Batteries market?

3. What is the year over year growth of the global Sodium-Based Batteries market?
4. What is the production and production value of the global Sodium-Based Batteries market?
5. Who are the key producers in the global Sodium-Based Batteries market?
6. What are the growth factors driving the market demand?

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