

# Global Layered Oxide Cathodes for Sodium-Ion Batteries Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G80A20CE6990EN.html>

Date: June 2023

Pages: 114

Price: US\$ 4,480.00 (Single User License)

ID: G80A20CE6990EN

## Abstracts

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

This report studies the global Layered Oxide Cathodes for Sodium-Ion Batteries production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Layered Oxide Cathodes for Sodium-Ion Batteries total production and demand, 2018-2029, (Tons)

Global Layered Oxide Cathodes for Sodium-Ion Batteries total production value, 2018-2029, (USD Million)

Global Layered Oxide Cathodes for Sodium-Ion Batteries production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Layered Oxide Cathodes for Sodium-Ion Batteries consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Layered Oxide Cathodes for Sodium-Ion Batteries domestic production, consumption, key domestic manufacturers and share

Global Layered Oxide Cathodes for Sodium-Ion Batteries production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Layered Oxide Cathodes for Sodium-Ion Batteries production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Layered Oxide Cathodes for Sodium-Ion Batteries production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Layered Oxide Cathodes for Sodium-Ion 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 NEI Corporation, Ningbo Ronbay New Energy Technology, Beijing Easpring Material Technology, GEM, Xtc New Energy Materials, Natrium Energy, Guangdong Bangpu Cycle Technology, Zhongwei New Materials and Guizhou Zhenhua New Materials, 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 Layered Oxide Cathodes for Sodium-Ion Batteries market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) 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 Layered Oxide Cathodes for Sodium-Ion Batteries Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Layered Oxide Cathodes for Sodium-Ion Batteries Market, Segmentation by Type

Structure of O3

Structure of P2

Others

## Global Layered Oxide Cathodes for Sodium-Ion Batteries Market, Segmentation by Application

Sodium Power Battery

Sodium Energy Storage Battery

## Companies Profiled:

NEI Corporation

Ningbo Ronbay New Energy Technology

Beijing Easpring Material Technology

GEM

Xtc New Energy Materials

Natrium Energy

Guangdong Bangpu Cycle Technology

Zhongwei New Materials

Guizhou Zhenhua New Materials

HiNa Battery Technology

## Key Questions Answered

1. How big is the global Layered Oxide Cathodes for Sodium-Ion Batteries market?
2. What is the demand of the global Layered Oxide Cathodes for Sodium-Ion Batteries market?
3. What is the year over year growth of the global Layered Oxide Cathodes for Sodium-Ion Batteries market?
4. What is the production and production value of the global Layered Oxide Cathodes for Sodium-Ion Batteries market?
5. Who are the key producers in the global Layered Oxide Cathodes for Sodium-Ion Batteries market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Layered Oxide Cathodes for Sodium-Ion Batteries Introduction
- 1.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Supply & Forecast
  - 1.2.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029)
  - 1.2.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Pricing Trends (2018-2029)
- 1.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Region (Based on Production Site)
  - 1.3.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Region (2018-2029)
  - 1.3.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Region (2018-2029)
  - 1.3.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Region (2018-2029)
  - 1.3.4 North America Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029)
  - 1.3.5 Europe Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029)
  - 1.3.6 China Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029)
  - 1.3.7 Japan Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Layered Oxide Cathodes for Sodium-Ion Batteries Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Layered Oxide Cathodes for Sodium-Ion Batteries Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Demand (2018-2029)
- 2.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption by Region
  - 2.2.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption by Region (2018-2023)

2.2.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Forecast by Region (2024-2029)

2.3 United States Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.4 China Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.5 Europe Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.6 Japan Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.7 South Korea Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.8 ASEAN Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

2.9 India Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029)

### **3 WORLD LAYERED OXIDE CATHODES FOR SODIUM-ION BATTERIES MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Manufacturer (2018-2023)

3.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Manufacturer (2018-2023)

3.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Manufacturer (2018-2023)

3.4 Layered Oxide Cathodes for Sodium-Ion Batteries Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Layered Oxide Cathodes for Sodium-Ion Batteries Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Layered Oxide Cathodes for Sodium-Ion Batteries in 2022

3.5.3 Global Concentration Ratios (CR8) for Layered Oxide Cathodes for Sodium-Ion Batteries in 2022

3.6 Layered Oxide Cathodes for Sodium-Ion Batteries Market: Overall Company Footprint Analysis

3.6.1 Layered Oxide Cathodes for Sodium-Ion Batteries Market: Region Footprint

3.6.2 Layered Oxide Cathodes for Sodium-Ion Batteries Market: Company Product Type Footprint

3.6.3 Layered Oxide Cathodes for Sodium-Ion Batteries Market: Company Product Application Footprint

3.7 Competitive Environment

- 3.7.1 Historical Structure of the Industry
- 3.7.2 Barriers of Market Entry
- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

### 4.1 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Comparison

4.1.1 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share Comparison (2018 & 2022 & 2029)

### 4.2 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Comparison

4.2.1 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share Comparison (2018 & 2022 & 2029)

### 4.3 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Comparison

4.3.1 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Market Share Comparison (2018 & 2022 & 2029)

### 4.4 United States Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value (2018-2023)

4.4.3 United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023)

### 4.5 China Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers and Market Share

4.5.1 China Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries

Production Value (2018-2023)

4.5.3 China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023)

4.6 Rest of World Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Structure of O3

5.2.2 Structure of P2

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Type (2018-2029)

5.3.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Type (2018-2029)

5.3.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Sodium Power Battery

6.2.2 Sodium Energy Storage Battery

6.3 Market Segment by Application

6.3.1 World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Application (2018-2029)

6.3.2 World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by



Application (2018-2029)

6.3.3 World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

### **7.1 NEI Corporation**

7.1.1 NEI Corporation Details

7.1.2 NEI Corporation Major Business

7.1.3 NEI Corporation Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

7.1.4 NEI Corporation Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 NEI Corporation Recent Developments/Updates

7.1.6 NEI Corporation Competitive Strengths & Weaknesses

### **7.2 Ningbo Ronbay New Energy Technology**

7.2.1 Ningbo Ronbay New Energy Technology Details

7.2.2 Ningbo Ronbay New Energy Technology Major Business

7.2.3 Ningbo Ronbay New Energy Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

7.2.4 Ningbo Ronbay New Energy Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Ningbo Ronbay New Energy Technology Recent Developments/Updates

7.2.6 Ningbo Ronbay New Energy Technology Competitive Strengths & Weaknesses

### **7.3 Beijing Easpring Material Technology**

7.3.1 Beijing Easpring Material Technology Details

7.3.2 Beijing Easpring Material Technology Major Business

7.3.3 Beijing Easpring Material Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

7.3.4 Beijing Easpring Material Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Beijing Easpring Material Technology Recent Developments/Updates

7.3.6 Beijing Easpring Material Technology Competitive Strengths & Weaknesses

### **7.4 GEM**

7.4.1 GEM Details

7.4.2 GEM Major Business

7.4.3 GEM Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

7.4.4 GEM Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.4.5 GEM Recent Developments/Updates
- 7.4.6 GEM Competitive Strengths & Weaknesses
- 7.5 Xtc New Energy Materials
  - 7.5.1 Xtc New Energy Materials Details
  - 7.5.2 Xtc New Energy Materials Major Business
  - 7.5.3 Xtc New Energy Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
  - 7.5.4 Xtc New Energy Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Xtc New Energy Materials Recent Developments/Updates
  - 7.5.6 Xtc New Energy Materials Competitive Strengths & Weaknesses
- 7.6 Natrium Energy
  - 7.6.1 Natrium Energy Details
  - 7.6.2 Natrium Energy Major Business
  - 7.6.3 Natrium Energy Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
  - 7.6.4 Natrium Energy Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Natrium Energy Recent Developments/Updates
  - 7.6.6 Natrium Energy Competitive Strengths & Weaknesses
- 7.7 Guangdong Bangpu Cycle Technology
  - 7.7.1 Guangdong Bangpu Cycle Technology Details
  - 7.7.2 Guangdong Bangpu Cycle Technology Major Business
  - 7.7.3 Guangdong Bangpu Cycle Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
  - 7.7.4 Guangdong Bangpu Cycle Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Guangdong Bangpu Cycle Technology Recent Developments/Updates
  - 7.7.6 Guangdong Bangpu Cycle Technology Competitive Strengths & Weaknesses
- 7.8 Zhongwei New Materials
  - 7.8.1 Zhongwei New Materials Details
  - 7.8.2 Zhongwei New Materials Major Business
  - 7.8.3 Zhongwei New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
  - 7.8.4 Zhongwei New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Zhongwei New Materials Recent Developments/Updates
  - 7.8.6 Zhongwei New Materials Competitive Strengths & Weaknesses
- 7.9 Guizhou Zhenhua New Materials

- 7.9.1 Guizhou Zhenhua New Materials Details
- 7.9.2 Guizhou Zhenhua New Materials Major Business
- 7.9.3 Guizhou Zhenhua New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
- 7.9.4 Guizhou Zhenhua New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Guizhou Zhenhua New Materials Recent Developments/Updates
- 7.9.6 Guizhou Zhenhua New Materials Competitive Strengths & Weaknesses
- 7.10 HiNa Battery Technology
  - 7.10.1 HiNa Battery Technology Details
  - 7.10.2 HiNa Battery Technology Major Business
  - 7.10.3 HiNa Battery Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services
  - 7.10.4 HiNa Battery Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 HiNa Battery Technology Recent Developments/Updates
  - 7.10.6 HiNa Battery Technology Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Layered Oxide Cathodes for Sodium-Ion Batteries Industry Chain
- 8.2 Layered Oxide Cathodes for Sodium-Ion Batteries Upstream Analysis
  - 8.2.1 Layered Oxide Cathodes for Sodium-Ion Batteries Core Raw Materials
  - 8.2.2 Main Manufacturers of Layered Oxide Cathodes for Sodium-Ion Batteries Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Layered Oxide Cathodes for Sodium-Ion Batteries Production Mode
- 8.6 Layered Oxide Cathodes for Sodium-Ion Batteries Procurement Model
- 8.7 Layered Oxide Cathodes for Sodium-Ion Batteries Industry Sales Model and Sales Channels
  - 8.7.1 Layered Oxide Cathodes for Sodium-Ion Batteries Sales Model
  - 8.7.2 Layered Oxide Cathodes for Sodium-Ion Batteries Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Region (2018-2023) & (USD Million)

Table 3. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Region (2024-2029) & (USD Million)

Table 4. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Region (2018-2023)

Table 5. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Region (2024-2029)

Table 6. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Region (2018-2023) & (Tons)

Table 7. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Region (2024-2029) & (Tons)

Table 8. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share by Region (2018-2023)

Table 9. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share by Region (2024-2029)

Table 10. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Region (2018-2023) & (US\$/Kg)

Table 11. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Region (2024-2029) & (US\$/Kg)

Table 12. Layered Oxide Cathodes for Sodium-Ion Batteries Major Market Trends

Table 13. World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption by Region (2018-2023) & (Tons)

Table 15. World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Layered Oxide Cathodes for Sodium-Ion Batteries Producers in 2022

Table 18. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Layered Oxide Cathodes for Sodium-Ion Batteries Producers in 2022

Table 20. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 21. Global Layered Oxide Cathodes for Sodium-Ion Batteries Company Evaluation Quadrant

Table 22. World Layered Oxide Cathodes for Sodium-Ion Batteries Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Layered Oxide Cathodes for Sodium-Ion Batteries Production Site of Key Manufacturer

Table 24. Layered Oxide Cathodes for Sodium-Ion Batteries Market: Company Product Type Footprint

Table 25. Layered Oxide Cathodes for Sodium-Ion Batteries Market: Company Product Application Footprint

Table 26. Layered Oxide Cathodes for Sodium-Ion Batteries Competitive Factors

Table 27. Layered Oxide Cathodes for Sodium-Ion Batteries New Entrant and Capacity Expansion Plans

Table 28. Layered Oxide Cathodes for Sodium-Ion Batteries Mergers & Acquisitions Activity

Table 29. United States VS China Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Layered Oxide Cathodes for Sodium-Ion Batteries Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share (2018-2023)

Table 37. China Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share (2018-2023)

Table 42. Rest of World Based Layered Oxide Cathodes for Sodium-Ion Batteries Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share (2018-2023)

Table 47. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Type (2018-2023) & (Tons)

Table 49. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Type (2024-2029) & (Tons)

Table 50. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Type (2018-2023) & (USD Million)

Table 51. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Type (2024-2029) & (USD Million)

Table 52. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Type (2018-2023) & (US\$/Kg)

Table 53. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Type (2024-2029) & (US\$/Kg)

Table 54. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Application (2018-2023) & (Tons)

Table 56. World Layered Oxide Cathodes for Sodium-Ion Batteries Production by Application (2024-2029) & (Tons)

Table 57. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Application (2018-2023) & (USD Million)

Table 58. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Application (2018-2023) & (US\$/Kg)

Table 60. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Application (2024-2029) & (US\$/Kg)

Table 61. NEI Corporation Basic Information, Manufacturing Base and Competitors

Table 62. NEI Corporation Major Business

Table 63. NEI Corporation Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 64. NEI Corporation Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. NEI Corporation Recent Developments/Updates

Table 66. NEI Corporation Competitive Strengths & Weaknesses

Table 67. Ningbo Ronbay New Energy Technology Basic Information, Manufacturing Base and Competitors

Table 68. Ningbo Ronbay New Energy Technology Major Business

Table 69. Ningbo Ronbay New Energy Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 70. Ningbo Ronbay New Energy Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Ningbo Ronbay New Energy Technology Recent Developments/Updates

Table 72. Ningbo Ronbay New Energy Technology Competitive Strengths & Weaknesses

Table 73. Beijing Easpring Material Technology Basic Information, Manufacturing Base and Competitors

Table 74. Beijing Easpring Material Technology Major Business

Table 75. Beijing Easpring Material Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 76. Beijing Easpring Material Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Beijing Easpring Material Technology Recent Developments/Updates

Table 78. Beijing Easpring Material Technology Competitive Strengths & Weaknesses

Table 79. GEM Basic Information, Manufacturing Base and Competitors

Table 80. GEM Major Business

Table 81. GEM Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 82. GEM Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons),



Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. GEM Recent Developments/Updates

Table 84. GEM Competitive Strengths & Weaknesses

Table 85. Xtc New Energy Materials Basic Information, Manufacturing Base and Competitors

Table 86. Xtc New Energy Materials Major Business

Table 87. Xtc New Energy Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 88. Xtc New Energy Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Xtc New Energy Materials Recent Developments/Updates

Table 90. Xtc New Energy Materials Competitive Strengths & Weaknesses

Table 91. Natrium Energy Basic Information, Manufacturing Base and Competitors

Table 92. Natrium Energy Major Business

Table 93. Natrium Energy Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 94. Natrium Energy Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Natrium Energy Recent Developments/Updates

Table 96. Natrium Energy Competitive Strengths & Weaknesses

Table 97. Guangdong Bangpu Cycle Technology Basic Information, Manufacturing Base and Competitors

Table 98. Guangdong Bangpu Cycle Technology Major Business

Table 99. Guangdong Bangpu Cycle Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 100. Guangdong Bangpu Cycle Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Guangdong Bangpu Cycle Technology Recent Developments/Updates

Table 102. Guangdong Bangpu Cycle Technology Competitive Strengths & Weaknesses

Table 103. Zhongwei New Materials Basic Information, Manufacturing Base and Competitors

Table 104. Zhongwei New Materials Major Business

Table 105. Zhongwei New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 106. Zhongwei New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Zhongwei New Materials Recent Developments/Updates

Table 108. Zhongwei New Materials Competitive Strengths & Weaknesses

Table 109. Guizhou Zhenhua New Materials Basic Information, Manufacturing Base and Competitors

Table 110. Guizhou Zhenhua New Materials Major Business

Table 111. Guizhou Zhenhua New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 112. Guizhou Zhenhua New Materials Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Guizhou Zhenhua New Materials Recent Developments/Updates

Table 114. HiNa Battery Technology Basic Information, Manufacturing Base and Competitors

Table 115. HiNa Battery Technology Major Business

Table 116. HiNa Battery Technology Layered Oxide Cathodes for Sodium-Ion Batteries Product and Services

Table 117. HiNa Battery Technology Layered Oxide Cathodes for Sodium-Ion Batteries Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Layered Oxide Cathodes for Sodium-Ion Batteries Upstream (Raw Materials)

Table 119. Layered Oxide Cathodes for Sodium-Ion Batteries Typical Customers

Table 120. Layered Oxide Cathodes for Sodium-Ion Batteries Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Layered Oxide Cathodes for Sodium-Ion Batteries Picture

Figure 2. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029) & (Tons)

Figure 5. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price (2018-2029) & (US\$/Kg)

Figure 6. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Region (2018-2029)

Figure 7. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share by Region (2018-2029)

Figure 8. North America Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029) & (Tons)

Figure 9. Europe Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029) & (Tons)

Figure 10. China Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029) & (Tons)

Figure 11. Japan Layered Oxide Cathodes for Sodium-Ion Batteries Production (2018-2029) & (Tons)

Figure 12. Layered Oxide Cathodes for Sodium-Ion Batteries Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 15. World Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Market Share by Region (2018-2029)

Figure 16. United States Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 17. China Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 18. Europe Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 19. Japan Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 20. South Korea Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 22. India Layered Oxide Cathodes for Sodium-Ion Batteries Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Layered Oxide Cathodes for Sodium-Ion Batteries by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Layered Oxide Cathodes for Sodium-Ion Batteries Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Layered Oxide Cathodes for Sodium-Ion Batteries Markets in 2022

Figure 26. United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Layered Oxide Cathodes for Sodium-Ion Batteries Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share 2022

Figure 30. China Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share 2022

Figure 32. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Type in 2022

Figure 34. Structure of O3

Figure 35. Structure of P2

Figure 36. Others

Figure 37. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share by Type (2018-2029)

Figure 38. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Type (2018-2029)

Figure 39. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Type (2018-2029) & (US\$/Kg)

Figure 40. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Application in 2022

Figure 42. Sodium Power Battery

Figure 43. Sodium Energy Storage Battery

Figure 44. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Market Share by Application (2018-2029)

Figure 45. World Layered Oxide Cathodes for Sodium-Ion Batteries Production Value Market Share by Application (2018-2029)

Figure 46. World Layered Oxide Cathodes for Sodium-Ion Batteries Average Price by Application (2018-2029) & (US\$/Kg)

Figure 47. Layered Oxide Cathodes for Sodium-Ion Batteries Industry Chain

Figure 48. Layered Oxide Cathodes for Sodium-Ion Batteries Procurement Model

Figure 49. Layered Oxide Cathodes for Sodium-Ion Batteries Sales Model

Figure 50. Layered Oxide Cathodes for Sodium-Ion Batteries Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

## I would like to order

Product name: Global Layered Oxide Cathodes for Sodium-Ion Batteries Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G80A20CE6990EN.html>

Price: US\$ 4,480.00 (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/G80A20CE6990EN.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

