

# Global Lithium Battery Solid Electrolyte Market Growth 2023-2029

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## Abstracts

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The global Lithium Battery Solid Electrolyte 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.

Compared with liquid electrolytes, solid electrolytes have the advantages of higher energy density, longer life, and safer performance. In the field of lithium batteries, sulfide electrolyte is a solid electrolyte that has been widely studied and applied. Compared with other solid-state electrolytes, sulfide electrolytes are characterized by higher ionic conductivity, better chemical stability, and lower interfacial resistance. This makes lithium batteries have higher charge and discharge efficiency, faster charging speed and longer service life when using sulfide electrolytes.

Lithium Battery Solid Electrolyte refers to a new type of battery that replaces traditional liquid electrolytes with solid electrolytes.

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

This Insight Report provides a comprehensive analysis of the global Lithium Battery

Solid Electrolyte 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 Lithium Battery Solid Electrolyte portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Lithium Battery Solid Electrolyte market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lithium Battery Solid Electrolyte 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 Lithium Battery Solid Electrolyte.

This report presents a comprehensive overview, market shares, and growth opportunities of Lithium Battery Solid Electrolyte market by product type, application, key manufacturers and key regions and countries.

#### Market Segmentation:

##### Segmentation by type

- Sulfide-based Solid Electrolytes

- Polymer-based Solid Electrolytes

- Other

##### Segmentation by application

- Energy Storage

- Electric Vehicle

- 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.

NEI Corp

Ohara Corp

CeramTec

Solid Power

Ampcera Corp

Ganfeng Lithium Group

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Lithium Battery Solid Electrolyte market?

What factors are driving Lithium Battery Solid Electrolyte market growth, globally and by region?

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

How do Lithium Battery Solid Electrolyte market opportunities vary by end market size?

How does Lithium Battery Solid Electrolyte break out type, application?

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

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Lithium Battery Solid Electrolyte Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Lithium Battery Solid Electrolyte by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Lithium Battery Solid Electrolyte by Country/Region, 2018, 2022 & 2029
- 2.2 Lithium Battery Solid Electrolyte Segment by Type
  - 2.2.1 Sulfide-based Solid Electrolytes
  - 2.2.2 Polymer-based Solid Electrolytes
  - 2.2.3 Other
- 2.3 Lithium Battery Solid Electrolyte Sales by Type
  - 2.3.1 Global Lithium Battery Solid Electrolyte Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Lithium Battery Solid Electrolyte Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Lithium Battery Solid Electrolyte Sale Price by Type (2018-2023)
- 2.4 Lithium Battery Solid Electrolyte Segment by Application
  - 2.4.1 Energy Storage
  - 2.4.2 Electric Vehicle
  - 2.4.3 Others
- 2.5 Lithium Battery Solid Electrolyte Sales by Application
  - 2.5.1 Global Lithium Battery Solid Electrolyte Sale Market Share by Application (2018-2023)
  - 2.5.2 Global Lithium Battery Solid Electrolyte Revenue and Market Share by Application (2018-2023)

2.5.3 Global Lithium Battery Solid Electrolyte Sale Price by Application (2018-2023)

### **3 GLOBAL LITHIUM BATTERY SOLID ELECTROLYTE BY COMPANY**

3.1 Global Lithium Battery Solid Electrolyte Breakdown Data by Company

3.1.1 Global Lithium Battery Solid Electrolyte Annual Sales by Company (2018-2023)

3.1.2 Global Lithium Battery Solid Electrolyte Sales Market Share by Company (2018-2023)

3.2 Global Lithium Battery Solid Electrolyte Annual Revenue by Company (2018-2023)

3.2.1 Global Lithium Battery Solid Electrolyte Revenue by Company (2018-2023)

3.2.2 Global Lithium Battery Solid Electrolyte Revenue Market Share by Company (2018-2023)

3.3 Global Lithium Battery Solid Electrolyte Sale Price by Company

3.4 Key Manufacturers Lithium Battery Solid Electrolyte Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Lithium Battery Solid Electrolyte Product Location Distribution

3.4.2 Players Lithium Battery Solid Electrolyte Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR LITHIUM BATTERY SOLID ELECTROLYTE BY GEOGRAPHIC REGION**

4.1 World Historic Lithium Battery Solid Electrolyte Market Size by Geographic Region (2018-2023)

4.1.1 Global Lithium Battery Solid Electrolyte Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Lithium Battery Solid Electrolyte Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Lithium Battery Solid Electrolyte Market Size by Country/Region (2018-2023)

4.2.1 Global Lithium Battery Solid Electrolyte Annual Sales by Country/Region (2018-2023)

4.2.2 Global Lithium Battery Solid Electrolyte Annual Revenue by Country/Region (2018-2023)

4.3 Americas Lithium Battery Solid Electrolyte Sales Growth

- 4.4 APAC Lithium Battery Solid Electrolyte Sales Growth
- 4.5 Europe Lithium Battery Solid Electrolyte Sales Growth
- 4.6 Middle East & Africa Lithium Battery Solid Electrolyte Sales Growth

## **5 AMERICAS**

- 5.1 Americas Lithium Battery Solid Electrolyte Sales by Country
  - 5.1.1 Americas Lithium Battery Solid Electrolyte Sales by Country (2018-2023)
  - 5.1.2 Americas Lithium Battery Solid Electrolyte Revenue by Country (2018-2023)
- 5.2 Americas Lithium Battery Solid Electrolyte Sales by Type
- 5.3 Americas Lithium Battery Solid Electrolyte Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Lithium Battery Solid Electrolyte Sales by Region
  - 6.1.1 APAC Lithium Battery Solid Electrolyte Sales by Region (2018-2023)
  - 6.1.2 APAC Lithium Battery Solid Electrolyte Revenue by Region (2018-2023)
- 6.2 APAC Lithium Battery Solid Electrolyte Sales by Type
- 6.3 APAC Lithium Battery Solid Electrolyte Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Lithium Battery Solid Electrolyte by Country
  - 7.1.1 Europe Lithium Battery Solid Electrolyte Sales by Country (2018-2023)
  - 7.1.2 Europe Lithium Battery Solid Electrolyte Revenue by Country (2018-2023)
- 7.2 Europe Lithium Battery Solid Electrolyte Sales by Type
- 7.3 Europe Lithium Battery Solid Electrolyte Sales by Application
- 7.4 Germany



- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Lithium Battery Solid Electrolyte by Country
  - 8.1.1 Middle East & Africa Lithium Battery Solid Electrolyte Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Lithium Battery Solid Electrolyte Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Lithium Battery Solid Electrolyte Sales by Type
- 8.3 Middle East & Africa Lithium Battery Solid Electrolyte Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Lithium Battery Solid Electrolyte
- 10.3 Manufacturing Process Analysis of Lithium Battery Solid Electrolyte
- 10.4 Industry Chain Structure of Lithium Battery Solid Electrolyte

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Lithium Battery Solid Electrolyte Distributors

### 11.3 Lithium Battery Solid Electrolyte Customer

## **12 WORLD FORECAST REVIEW FOR LITHIUM BATTERY SOLID ELECTROLYTE BY GEOGRAPHIC REGION**

### 12.1 Global Lithium Battery Solid Electrolyte Market Size Forecast by Region

#### 12.1.1 Global Lithium Battery Solid Electrolyte Forecast by Region (2024-2029)

#### 12.1.2 Global Lithium Battery Solid Electrolyte Annual Revenue Forecast by Region (2024-2029)

### 12.2 Americas Forecast by Country

### 12.3 APAC Forecast by Region

### 12.4 Europe Forecast by Country

### 12.5 Middle East & Africa Forecast by Country

### 12.6 Global Lithium Battery Solid Electrolyte Forecast by Type

### 12.7 Global Lithium Battery Solid Electrolyte Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 NEI Corp

#### 13.1.1 NEI Corp Company Information

#### 13.1.2 NEI Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications

#### 13.1.3 NEI Corp Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.1.4 NEI Corp Main Business Overview

#### 13.1.5 NEI Corp Latest Developments

### 13.2 Ohara Corp

#### 13.2.1 Ohara Corp Company Information

#### 13.2.2 Ohara Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications

#### 13.2.3 Ohara Corp Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.2.4 Ohara Corp Main Business Overview

#### 13.2.5 Ohara Corp Latest Developments

### 13.3 CeramTec

#### 13.3.1 CeramTec Company Information

#### 13.3.2 CeramTec Lithium Battery Solid Electrolyte Product Portfolios and Specifications

#### 13.3.3 CeramTec Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.3.4 CeramTec Main Business Overview
- 13.3.5 CeramTec Latest Developments
- 13.4 Solid Power
  - 13.4.1 Solid Power Company Information
  - 13.4.2 Solid Power Lithium Battery Solid Electrolyte Product Portfolios and Specifications
  - 13.4.3 Solid Power Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Solid Power Main Business Overview
  - 13.4.5 Solid Power Latest Developments
- 13.5 Ampcera Corp
  - 13.5.1 Ampcera Corp Company Information
  - 13.5.2 Ampcera Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications
  - 13.5.3 Ampcera Corp Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Ampcera Corp Main Business Overview
  - 13.5.5 Ampcera Corp Latest Developments
- 13.6 Ganfeng Lithium Group
  - 13.6.1 Ganfeng Lithium Group Company Information
  - 13.6.2 Ganfeng Lithium Group Lithium Battery Solid Electrolyte Product Portfolios and Specifications
  - 13.6.3 Ganfeng Lithium Group Lithium Battery Solid Electrolyte Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 Ganfeng Lithium Group Main Business Overview
  - 13.6.5 Ganfeng Lithium Group Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Lithium Battery Solid Electrolyte Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Lithium Battery Solid Electrolyte Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Sulfide-based Solid Electrolytes

Table 4. Major Players of Polymer-based Solid Electrolytes

Table 5. Major Players of Other

Table 6. Global Lithium Battery Solid Electrolyte Sales by Type (2018-2023) & (Tons)

Table 7. Global Lithium Battery Solid Electrolyte Sales Market Share by Type (2018-2023)

Table 8. Global Lithium Battery Solid Electrolyte Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Lithium Battery Solid Electrolyte Revenue Market Share by Type (2018-2023)

Table 10. Global Lithium Battery Solid Electrolyte Sale Price by Type (2018-2023) & (US\$/Ton)

Table 11. Global Lithium Battery Solid Electrolyte Sales by Application (2018-2023) & (Tons)

Table 12. Global Lithium Battery Solid Electrolyte Sales Market Share by Application (2018-2023)

Table 13. Global Lithium Battery Solid Electrolyte Revenue by Application (2018-2023)

Table 14. Global Lithium Battery Solid Electrolyte Revenue Market Share by Application (2018-2023)

Table 15. Global Lithium Battery Solid Electrolyte Sale Price by Application (2018-2023) & (US\$/Ton)

Table 16. Global Lithium Battery Solid Electrolyte Sales by Company (2018-2023) & (Tons)

Table 17. Global Lithium Battery Solid Electrolyte Sales Market Share by Company (2018-2023)

Table 18. Global Lithium Battery Solid Electrolyte Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Lithium Battery Solid Electrolyte Revenue Market Share by Company (2018-2023)

Table 20. Global Lithium Battery Solid Electrolyte Sale Price by Company (2018-2023) & (US\$/Ton)

- Table 21. Key Manufacturers Lithium Battery Solid Electrolyte Producing Area Distribution and Sales Area
- Table 22. Players Lithium Battery Solid Electrolyte Products Offered
- Table 23. Lithium Battery Solid Electrolyte Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- Table 24. New Products and Potential Entrants
- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global Lithium Battery Solid Electrolyte Sales by Geographic Region (2018-2023) & (Tons)
- Table 27. Global Lithium Battery Solid Electrolyte Sales Market Share Geographic Region (2018-2023)
- Table 28. Global Lithium Battery Solid Electrolyte Revenue by Geographic Region (2018-2023) & (\$ millions)
- Table 29. Global Lithium Battery Solid Electrolyte Revenue Market Share by Geographic Region (2018-2023)
- Table 30. Global Lithium Battery Solid Electrolyte Sales by Country/Region (2018-2023) & (Tons)
- Table 31. Global Lithium Battery Solid Electrolyte Sales Market Share by Country/Region (2018-2023)
- Table 32. Global Lithium Battery Solid Electrolyte Revenue by Country/Region (2018-2023) & (\$ millions)
- Table 33. Global Lithium Battery Solid Electrolyte Revenue Market Share by Country/Region (2018-2023)
- Table 34. Americas Lithium Battery Solid Electrolyte Sales by Country (2018-2023) & (Tons)
- Table 35. Americas Lithium Battery Solid Electrolyte Sales Market Share by Country (2018-2023)
- Table 36. Americas Lithium Battery Solid Electrolyte Revenue by Country (2018-2023) & (\$ Millions)
- Table 37. Americas Lithium Battery Solid Electrolyte Revenue Market Share by Country (2018-2023)
- Table 38. Americas Lithium Battery Solid Electrolyte Sales by Type (2018-2023) & (Tons)
- Table 39. Americas Lithium Battery Solid Electrolyte Sales by Application (2018-2023) & (Tons)
- Table 40. APAC Lithium Battery Solid Electrolyte Sales by Region (2018-2023) & (Tons)
- Table 41. APAC Lithium Battery Solid Electrolyte Sales Market Share by Region (2018-2023)
- Table 42. APAC Lithium Battery Solid Electrolyte Revenue by Region (2018-2023) & (\$

Millions)

Table 43. APAC Lithium Battery Solid Electrolyte Revenue Market Share by Region (2018-2023)

Table 44. APAC Lithium Battery Solid Electrolyte Sales by Type (2018-2023) & (Tons)

Table 45. APAC Lithium Battery Solid Electrolyte Sales by Application (2018-2023) & (Tons)

Table 46. Europe Lithium Battery Solid Electrolyte Sales by Country (2018-2023) & (Tons)

Table 47. Europe Lithium Battery Solid Electrolyte Sales Market Share by Country (2018-2023)

Table 48. Europe Lithium Battery Solid Electrolyte Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Lithium Battery Solid Electrolyte Revenue Market Share by Country (2018-2023)

Table 50. Europe Lithium Battery Solid Electrolyte Sales by Type (2018-2023) & (Tons)

Table 51. Europe Lithium Battery Solid Electrolyte Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa Lithium Battery Solid Electrolyte Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa Lithium Battery Solid Electrolyte Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Lithium Battery Solid Electrolyte Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Lithium Battery Solid Electrolyte Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Lithium Battery Solid Electrolyte Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa Lithium Battery Solid Electrolyte Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of Lithium Battery Solid Electrolyte

Table 59. Key Market Challenges & Risks of Lithium Battery Solid Electrolyte

Table 60. Key Industry Trends of Lithium Battery Solid Electrolyte

Table 61. Lithium Battery Solid Electrolyte Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Lithium Battery Solid Electrolyte Distributors List

Table 64. Lithium Battery Solid Electrolyte Customer List

Table 65. Global Lithium Battery Solid Electrolyte Sales Forecast by Region (2024-2029) & (Tons)



Table 66. Global Lithium Battery Solid Electrolyte Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Lithium Battery Solid Electrolyte Sales Forecast by Country (2024-2029) & (Tons)

Table 68. Americas Lithium Battery Solid Electrolyte Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Lithium Battery Solid Electrolyte Sales Forecast by Region (2024-2029) & (Tons)

Table 70. APAC Lithium Battery Solid Electrolyte Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Lithium Battery Solid Electrolyte Sales Forecast by Country (2024-2029) & (Tons)

Table 72. Europe Lithium Battery Solid Electrolyte Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Lithium Battery Solid Electrolyte Sales Forecast by Country (2024-2029) & (Tons)

Table 74. Middle East & Africa Lithium Battery Solid Electrolyte Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Lithium Battery Solid Electrolyte Sales Forecast by Type (2024-2029) & (Tons)

Table 76. Global Lithium Battery Solid Electrolyte Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Lithium Battery Solid Electrolyte Sales Forecast by Application (2024-2029) & (Tons)

Table 78. Global Lithium Battery Solid Electrolyte Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. NEI Corp Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 80. NEI Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 81. NEI Corp Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. NEI Corp Main Business

Table 83. NEI Corp Latest Developments

Table 84. Ohara Corp Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 85. Ohara Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 86. Ohara Corp Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$

Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Ohara Corp Main Business

Table 88. Ohara Corp Latest Developments

Table 89. CeramTec Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 90. CeramTec Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 91. CeramTec Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. CeramTec Main Business

Table 93. CeramTec Latest Developments

Table 94. Solid Power Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 95. Solid Power Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 96. Solid Power Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Solid Power Main Business

Table 98. Solid Power Latest Developments

Table 99. Ampcera Corp Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 100. Ampcera Corp Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 101. Ampcera Corp Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Ampcera Corp Main Business

Table 103. Ampcera Corp Latest Developments

Table 104. Ganfeng Lithium Group Basic Information, Lithium Battery Solid Electrolyte Manufacturing Base, Sales Area and Its Competitors

Table 105. Ganfeng Lithium Group Lithium Battery Solid Electrolyte Product Portfolios and Specifications

Table 106. Ganfeng Lithium Group Lithium Battery Solid Electrolyte Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 107. Ganfeng Lithium Group Main Business

Table 108. Ganfeng Lithium Group Latest Developments



## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Lithium Battery Solid Electrolyte
- Figure 2. Lithium Battery Solid Electrolyte Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Lithium Battery Solid Electrolyte Sales Growth Rate 2018-2029 (Tons)
- Figure 7. Global Lithium Battery Solid Electrolyte Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Lithium Battery Solid Electrolyte Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Sulfide-based Solid Electrolytes
- Figure 10. Product Picture of Polymer-based Solid Electrolytes
- Figure 11. Product Picture of Other
- Figure 12. Global Lithium Battery Solid Electrolyte Sales Market Share by Type in 2022
- Figure 13. Global Lithium Battery Solid Electrolyte Revenue Market Share by Type (2018-2023)
- Figure 14. Lithium Battery Solid Electrolyte Consumed in Energy Storage
- Figure 15. Global Lithium Battery Solid Electrolyte Market: Energy Storage (2018-2023) & (Tons)
- Figure 16. Lithium Battery Solid Electrolyte Consumed in Electric Vehicle
- Figure 17. Global Lithium Battery Solid Electrolyte Market: Electric Vehicle (2018-2023) & (Tons)
- Figure 18. Lithium Battery Solid Electrolyte Consumed in Others
- Figure 19. Global Lithium Battery Solid Electrolyte Market: Others (2018-2023) & (Tons)
- Figure 20. Global Lithium Battery Solid Electrolyte Sales Market Share by Application (2022)
- Figure 21. Global Lithium Battery Solid Electrolyte Revenue Market Share by Application in 2022
- Figure 22. Lithium Battery Solid Electrolyte Sales Market by Company in 2022 (Tons)
- Figure 23. Global Lithium Battery Solid Electrolyte Sales Market Share by Company in 2022
- Figure 24. Lithium Battery Solid Electrolyte Revenue Market by Company in 2022 (\$ Million)
- Figure 25. Global Lithium Battery Solid Electrolyte Revenue Market Share by Company in 2022

Figure 26. Global Lithium Battery Solid Electrolyte Sales Market Share by Geographic Region (2018-2023)

Figure 27. Global Lithium Battery Solid Electrolyte Revenue Market Share by Geographic Region in 2022

Figure 28. Americas Lithium Battery Solid Electrolyte Sales 2018-2023 (Tons)

Figure 29. Americas Lithium Battery Solid Electrolyte Revenue 2018-2023 (\$ Millions)

Figure 30. APAC Lithium Battery Solid Electrolyte Sales 2018-2023 (Tons)

Figure 31. APAC Lithium Battery Solid Electrolyte Revenue 2018-2023 (\$ Millions)

Figure 32. Europe Lithium Battery Solid Electrolyte Sales 2018-2023 (Tons)

Figure 33. Europe Lithium Battery Solid Electrolyte Revenue 2018-2023 (\$ Millions)

Figure 34. Middle East & Africa Lithium Battery Solid Electrolyte Sales 2018-2023 (Tons)

Figure 35. Middle East & Africa Lithium Battery Solid Electrolyte Revenue 2018-2023 (\$ Millions)

Figure 36. Americas Lithium Battery Solid Electrolyte Sales Market Share by Country in 2022

Figure 37. Americas Lithium Battery Solid Electrolyte Revenue Market Share by Country in 2022

Figure 38. Americas Lithium Battery Solid Electrolyte Sales Market Share by Type (2018-2023)

Figure 39. Americas Lithium Battery Solid Electrolyte Sales Market Share by Application (2018-2023)

Figure 40. United States Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Canada Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Mexico Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Brazil Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 44. APAC Lithium Battery Solid Electrolyte Sales Market Share by Region in 2022

Figure 45. APAC Lithium Battery Solid Electrolyte Revenue Market Share by Regions in 2022

Figure 46. APAC Lithium Battery Solid Electrolyte Sales Market Share by Type (2018-2023)

Figure 47. APAC Lithium Battery Solid Electrolyte Sales Market Share by Application (2018-2023)

Figure 48. China Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 49. Japan Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 50. South Korea Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 51. Southeast Asia Lithium Battery Solid Electrolyte Revenue Growth 2018-2023

(\$ Millions)

Figure 52. India Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 53. Australia Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 54. China Taiwan Lithium Battery Solid Electrolyte Revenue Growth 2018-2023

(\$ Millions)

Figure 55. Europe Lithium Battery Solid Electrolyte Sales Market Share by Country in

2022

Figure 56. Europe Lithium Battery Solid Electrolyte Revenue Market Share by Country

in 2022

Figure 57. Europe Lithium Battery Solid Electrolyte Sales Market Share by Type

(2018-2023)

Figure 58. Europe Lithium Battery Solid Electrolyte Sales Market Share by Application

(2018-2023)

Figure 59. Germany Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 60. France Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 61. UK Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Italy Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Russia Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 64. Middle East & Africa Lithium Battery Solid Electrolyte Sales Market Share by

Country in 2022

Figure 65. Middle East & Africa Lithium Battery Solid Electrolyte Revenue Market Share

by Country in 2022

Figure 66. Middle East & Africa Lithium Battery Solid Electrolyte Sales Market Share by

Type (2018-2023)

Figure 67. Middle East & Africa Lithium Battery Solid Electrolyte Sales Market Share by

Application (2018-2023)

Figure 68. Egypt Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$

Millions)

Figure 69. South Africa Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Israel Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Turkey Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 72. GCC Country Lithium Battery Solid Electrolyte Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Manufacturing Cost Structure Analysis of Lithium Battery Solid Electrolyte in 2022

Figure 74. Manufacturing Process Analysis of Lithium Battery Solid Electrolyte

Figure 75. Industry Chain Structure of Lithium Battery Solid Electrolyte

Figure 76. Channels of Distribution

Figure 77. Global Lithium Battery Solid Electrolyte Sales Market Forecast by Region (2024-2029)

Figure 78. Global Lithium Battery Solid Electrolyte Revenue Market Share Forecast by Region (2024-2029)

Figure 79. Global Lithium Battery Solid Electrolyte Sales Market Share Forecast by Type (2024-2029)

Figure 80. Global Lithium Battery Solid Electrolyte Revenue Market Share Forecast by Type (2024-2029)

Figure 81. Global Lithium Battery Solid Electrolyte Sales Market Share Forecast by Application (2024-2029)

Figure 82. Global Lithium Battery Solid Electrolyte Revenue Market Share Forecast by Application (2024-2029)

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