

Global Prismatic Lithium-ion Battery Cell Market Growth 2025-2031

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Abstracts

The global Prismatic Lithium-ion Battery Cell market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

For prismatic lithium-ion batteries, the outside of the prism can be designed to maintain a stable internal air pressure, and the choice of cathode, anode and electrolyte materials is not subject to any restrictions. Therefore, in order to obtain a larger energy density, the range of materials that can be selected by prismatic batteries is wider than that of any other type of batteries. It is also widely used.

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery

exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the loading capacity of new energy vehicle power battery was about 295 GWh, and the new energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

LP Information, Inc. (LPI) ' newest research report, the “Prismatic Lithium-ion Battery Cell Industry Forecast” looks at past sales and reviews total world Prismatic Lithium-ion Battery Cell sales in 2024, providing a comprehensive analysis by region and market sector of projected Prismatic Lithium-ion Battery Cell sales for 2025 through 2031. With Prismatic Lithium-ion Battery Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Prismatic Lithium-ion Battery Cell industry.

This Insight Report provides a comprehensive analysis of the global Prismatic Lithium-ion Battery Cell 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 Prismatic Lithium-ion Battery Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Prismatic Lithium-ion Battery Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Prismatic Lithium-ion Battery Cell 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 Prismatic Lithium-ion Battery Cell.

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

Segmentation by Type:

LiC

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 Prismatic Lithium-ion Battery Cell Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Prismatic Lithium-ion Battery Cell by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Prismatic Lithium-ion Battery Cell by Country/Region, 2020, 2024 & 2031
- 2.2 Prismatic Lithium-ion Battery Cell Segment by Type
 - 2.2.1 LiCoO₂ Battery
 - 2.2.2 LiFePO₄ Battery
- 2.3 Prismatic Lithium-ion Battery Cell Sales by Type
 - 2.3.1 Global Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Prismatic Lithium-ion Battery Cell Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Prismatic Lithium-ion Battery Cell Sale Price by Type (2020-2025)
- 2.4 Prismatic Lithium-ion Battery Cell Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Industrial
 - 2.4.3 Consumer Electronics
 - 2.4.4 Others
- 2.5 Prismatic Lithium-ion Battery Cell Sales by Application
 - 2.5.1 Global Prismatic Lithium-ion Battery Cell Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Prismatic Lithium-ion Battery Cell Revenue and Market Share by

Application (2020-2025)

2.5.3 Global Prismatic Lithium-ion Battery Cell Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Prismatic Lithium-ion Battery Cell Breakdown Data by Company

3.1.1 Global Prismatic Lithium-ion Battery Cell Annual Sales by Company (2020-2025)

3.1.2 Global Prismatic Lithium-ion Battery Cell Sales Market Share by Company (2020-2025)

3.2 Global Prismatic Lithium-ion Battery Cell Annual Revenue by Company (2020-2025)

3.2.1 Global Prismatic Lithium-ion Battery Cell Revenue by Company (2020-2025)

3.2.2 Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Company (2020-2025)

3.3 Global Prismatic Lithium-ion Battery Cell Sale Price by Company

3.4 Key Manufacturers Prismatic Lithium-ion Battery Cell Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Prismatic Lithium-ion Battery Cell Product Location Distribution

3.4.2 Players Prismatic Lithium-ion Battery Cell Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR PRISMATIC LITHIUM-ION BATTERY CELL BY GEOGRAPHIC REGION

4.1 World Historic Prismatic Lithium-ion Battery Cell Market Size by Geographic Region (2020-2025)

4.1.1 Global Prismatic Lithium-ion Battery Cell Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Prismatic Lithium-ion Battery Cell Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Prismatic Lithium-ion Battery Cell Market Size by Country/Region (2020-2025)

4.2.1 Global Prismatic Lithium-ion Battery Cell Annual Sales by Country/Region (2020-2025)

4.2.2 Global Prismatic Lithium-ion Battery Cell Annual Revenue by Country/Region

(2020-2025)

4.3 Americas Prismatic Lithium-ion Battery Cell Sales Growth

4.4 APAC Prismatic Lithium-ion Battery Cell Sales Growth

4.5 Europe Prismatic Lithium-ion Battery Cell Sales Growth

4.6 Middle East & Africa Prismatic Lithium-ion Battery Cell Sales Growth

5 AMERICAS

5.1 Americas Prismatic Lithium-ion Battery Cell Sales by Country

5.1.1 Americas Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025)

5.1.2 Americas Prismatic Lithium-ion Battery Cell Revenue by Country (2020-2025)

5.2 Americas Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025)

5.3 Americas Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Prismatic Lithium-ion Battery Cell Sales by Region

6.1.1 APAC Prismatic Lithium-ion Battery Cell Sales by Region (2020-2025)

6.1.2 APAC Prismatic Lithium-ion Battery Cell Revenue by Region (2020-2025)

6.2 APAC Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025)

6.3 APAC Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025)

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 Prismatic Lithium-ion Battery Cell by Country

7.1.1 Europe Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025)

7.1.2 Europe Prismatic Lithium-ion Battery Cell Revenue by Country (2020-2025)

7.2 Europe Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025)

7.3 Europe Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Prismatic Lithium-ion Battery Cell by Country

8.1.1 Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025)

8.1.2 Middle East & Africa Prismatic Lithium-ion Battery Cell Revenue by Country (2020-2025)

8.2 Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025)

8.3 Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025)

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 Prismatic Lithium-ion Battery Cell

10.3 Manufacturing Process Analysis of Prismatic Lithium-ion Battery Cell

10.4 Industry Chain Structure of Prismatic Lithium-ion Battery Cell

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Prismatic Lithium-ion Battery Cell Distributors
- 11.3 Prismatic Lithium-ion Battery Cell Customer

12 WORLD FORECAST REVIEW FOR PRISMATIC LITHIUM-ION BATTERY CELL BY GEOGRAPHIC REGION

- 12.1 Global Prismatic Lithium-ion Battery Cell Market Size Forecast by Region
 - 12.1.1 Global Prismatic Lithium-ion Battery Cell Forecast by Region (2026-2031)
 - 12.1.2 Global Prismatic Lithium-ion Battery Cell Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Prismatic Lithium-ion Battery Cell Forecast by Type (2026-2031)
- 12.7 Global Prismatic Lithium-ion Battery Cell Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Panasonic
 - 13.1.1 Panasonic Company Information
 - 13.1.2 Panasonic Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications
 - 13.1.3 Panasonic Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Panasonic Main Business Overview
 - 13.1.5 Panasonic Latest Developments
- 13.2 Samsung SDI
 - 13.2.1 Samsung SDI Company Information
 - 13.2.2 Samsung SDI Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications
 - 13.2.3 Samsung SDI Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Samsung SDI Main Business Overview
 - 13.2.5 Samsung SDI Latest Developments
- 13.3 LG Chem
 - 13.3.1 LG Chem Company Information

13.3.2 LG Chem Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.3.3 LG Chem Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 LG Chem Main Business Overview

13.3.5 LG Chem Latest Developments

13.4 Sony

13.4.1 Sony Company Information

13.4.2 Sony Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.4.3 Sony Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Sony Main Business Overview

13.4.5 Sony Latest Developments

13.5 Wanxiang Group

13.5.1 Wanxiang Group Company Information

13.5.2 Wanxiang Group Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.5.3 Wanxiang Group Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Wanxiang Group Main Business Overview

13.5.5 Wanxiang Group Latest Developments

13.6 Hitachi

13.6.1 Hitachi Company Information

13.6.2 Hitachi Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.6.3 Hitachi Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Hitachi Main Business Overview

13.6.5 Hitachi Latest Developments

13.7 Tianjin Lishen Battery

13.7.1 Tianjin Lishen Battery Company Information

13.7.2 Tianjin Lishen Battery Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.7.3 Tianjin Lishen Battery Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Tianjin Lishen Battery Main Business Overview

13.7.5 Tianjin Lishen Battery Latest Developments

13.8 Hefei Guoxuan

13.8.1 Hefei Guoxuan Company Information

13.8.2 Hefei Guoxuan Prismatic Lithium-ion Battery Cell Product Portfolios and

Specifications

13.8.3 Hefei Guoxuan Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Hefei Guoxuan Main Business Overview

13.8.5 Hefei Guoxuan Latest Developments

13.9 OptimumNano

13.9.1 OptimumNano Company Information

13.9.2 OptimumNano Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.9.3 OptimumNano Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 OptimumNano Main Business Overview

13.9.5 OptimumNano Latest Developments

13.10 DLG Electronics

13.10.1 DLG Electronics Company Information

13.10.2 DLG Electronics Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.10.3 DLG Electronics Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 DLG Electronics Main Business Overview

13.10.5 DLG Electronics Latest Developments

13.11 Zhuoneng New Energy

13.11.1 Zhuoneng New Energy Company Information

13.11.2 Zhuoneng New Energy Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.11.3 Zhuoneng New Energy Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Zhuoneng New Energy Main Business Overview

13.11.5 Zhuoneng New Energy Latest Developments

13.12 CHAM BATTERY

13.12.1 CHAM BATTERY Company Information

13.12.2 CHAM BATTERY Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

13.12.3 CHAM BATTERY Prismatic Lithium-ion Battery Cell Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 CHAM BATTERY Main Business Overview

13.12.5 CHAM BATTERY Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Prismatic Lithium-ion Battery Cell Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Prismatic Lithium-ion Battery Cell Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of LiCoO₂ Battery

Table 4. Major Players of LiFePO₄ Battery

Table 5. Global Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025) & (K Units)

Table 6. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)

Table 7. Global Prismatic Lithium-ion Battery Cell Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Type (2020-2025)

Table 9. Global Prismatic Lithium-ion Battery Cell Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Prismatic Lithium-ion Battery Cell Sale by Application (2020-2025) & (K Units)

Table 11. Global Prismatic Lithium-ion Battery Cell Sale Market Share by Application (2020-2025)

Table 12. Global Prismatic Lithium-ion Battery Cell Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Application (2020-2025)

Table 14. Global Prismatic Lithium-ion Battery Cell Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Prismatic Lithium-ion Battery Cell Sales by Company (2020-2025) & (K Units)

Table 16. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Company (2020-2025)

Table 17. Global Prismatic Lithium-ion Battery Cell Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Company (2020-2025)

Table 19. Global Prismatic Lithium-ion Battery Cell Sale Price by Company (2020-2025)

& (US\$/Unit)

Table 20. Key Manufacturers Prismatic Lithium-ion Battery Cell Producing Area Distribution and Sales Area

Table 21. Players Prismatic Lithium-ion Battery Cell Products Offered

Table 22. Prismatic Lithium-ion Battery Cell Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Prismatic Lithium-ion Battery Cell Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Prismatic Lithium-ion Battery Cell Sales Market Share Geographic Region (2020-2025)

Table 27. Global Prismatic Lithium-ion Battery Cell Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Prismatic Lithium-ion Battery Cell Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Country/Region (2020-2025)

Table 31. Global Prismatic Lithium-ion Battery Cell Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025) & (K Units)

Table 34. Americas Prismatic Lithium-ion Battery Cell Sales Market Share by Country (2020-2025)

Table 35. Americas Prismatic Lithium-ion Battery Cell Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025) & (K Units)

Table 37. Americas Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025) & (K Units)

Table 38. APAC Prismatic Lithium-ion Battery Cell Sales by Region (2020-2025) & (K Units)

Table 39. APAC Prismatic Lithium-ion Battery Cell Sales Market Share by Region (2020-2025)

Table 40. APAC Prismatic Lithium-ion Battery Cell Revenue by Region (2020-2025) &

(\$ millions)

Table 41. APAC Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025) & (K Units)

Table 42. APAC Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025) & (K Units)

Table 43. Europe Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025) & (K Units)

Table 44. Europe Prismatic Lithium-ion Battery Cell Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025) & (K Units)

Table 46. Europe Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Prismatic Lithium-ion Battery Cell Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Prismatic Lithium-ion Battery Cell

Table 52. Key Market Challenges & Risks of Prismatic Lithium-ion Battery Cell

Table 53. Key Industry Trends of Prismatic Lithium-ion Battery Cell

Table 54. Prismatic Lithium-ion Battery Cell Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Prismatic Lithium-ion Battery Cell Distributors List

Table 57. Prismatic Lithium-ion Battery Cell Customer List

Table 58. Global Prismatic Lithium-ion Battery Cell Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Prismatic Lithium-ion Battery Cell Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Prismatic Lithium-ion Battery Cell Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Prismatic Lithium-ion Battery Cell Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Prismatic Lithium-ion Battery Cell Sales Forecast by Region (2026-2031) & (K Units)

Table 63. APAC Prismatic Lithium-ion Battery Cell Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Prismatic Lithium-ion Battery Cell Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Prismatic Lithium-ion Battery Cell Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Prismatic Lithium-ion Battery Cell Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Prismatic Lithium-ion Battery Cell Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Prismatic Lithium-ion Battery Cell Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Prismatic Lithium-ion Battery Cell Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Prismatic Lithium-ion Battery Cell Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Panasonic Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 73. Panasonic Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 74. Panasonic Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. Panasonic Main Business

Table 76. Panasonic Latest Developments

Table 77. Samsung SDI Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 78. Samsung SDI Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 79. Samsung SDI Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. Samsung SDI Main Business

Table 81. Samsung SDI Latest Developments

Table 82. LG Chem Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 83. LG Chem Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 84. LG Chem Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. LG Chem Main Business

Table 86. LG Chem Latest Developments

Table 87. Sony Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 88. Sony Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 89. Sony Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Sony Main Business

Table 91. Sony Latest Developments

Table 92. Wanxiang Group Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 93. Wanxiang Group Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 94. Wanxiang Group Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. Wanxiang Group Main Business

Table 96. Wanxiang Group Latest Developments

Table 97. Hitachi Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 98. Hitachi Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 99. Hitachi Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. Hitachi Main Business

Table 101. Hitachi Latest Developments

Table 102. Tianjin Lishen Battery Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 103. Tianjin Lishen Battery Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 104. Tianjin Lishen Battery Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. Tianjin Lishen Battery Main Business

Table 106. Tianjin Lishen Battery Latest Developments

Table 107. Hefei Guoxuan Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 108. Hefei Guoxuan Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 109. Hefei Guoxuan Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue

(\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Hefei Guoxuan Main Business

Table 111. Hefei Guoxuan Latest Developments

Table 112. OptimumNano Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 113. OptimumNano Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 114. OptimumNano Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. OptimumNano Main Business

Table 116. OptimumNano Latest Developments

Table 117. DLG Electronics Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 118. DLG Electronics Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 119. DLG Electronics Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. DLG Electronics Main Business

Table 121. DLG Electronics Latest Developments

Table 122. Zhuoneng New Energy Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 123. Zhuoneng New Energy Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 124. Zhuoneng New Energy Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. Zhuoneng New Energy Main Business

Table 126. Zhuoneng New Energy Latest Developments

Table 127. CHAM BATTERY Basic Information, Prismatic Lithium-ion Battery Cell Manufacturing Base, Sales Area and Its Competitors

Table 128. CHAM BATTERY Prismatic Lithium-ion Battery Cell Product Portfolios and Specifications

Table 129. CHAM BATTERY Prismatic Lithium-ion Battery Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. CHAM BATTERY Main Business

Table 131. CHAM BATTERY Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Prismatic Lithium-ion Battery Cell
- Figure 2. Prismatic Lithium-ion Battery Cell Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Prismatic Lithium-ion Battery Cell Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Prismatic Lithium-ion Battery Cell Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Prismatic Lithium-ion Battery Cell Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Prismatic Lithium-ion Battery Cell Sales Market Share by Country/Region (2024)
- Figure 10. Prismatic Lithium-ion Battery Cell Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of LiCoO₂ Battery
- Figure 12. Product Picture of LiFePO₄ Battery
- Figure 13. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Type in 2025
- Figure 14. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Type (2020-2025)
- Figure 15. Prismatic Lithium-ion Battery Cell Consumed in Automotive
- Figure 16. Global Prismatic Lithium-ion Battery Cell Market: Automotive (2020-2025) & (K Units)
- Figure 17. Prismatic Lithium-ion Battery Cell Consumed in Industrial
- Figure 18. Global Prismatic Lithium-ion Battery Cell Market: Industrial (2020-2025) & (K Units)
- Figure 19. Prismatic Lithium-ion Battery Cell Consumed in Consumer Electronics
- Figure 20. Global Prismatic Lithium-ion Battery Cell Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 21. Prismatic Lithium-ion Battery Cell Consumed in Others
- Figure 22. Global Prismatic Lithium-ion Battery Cell Market: Others (2020-2025) & (K Units)
- Figure 23. Global Prismatic Lithium-ion Battery Cell Sale Market Share by Application (2024)

Figure 24. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Application in 2025

Figure 25. Prismatic Lithium-ion Battery Cell Sales by Company in 2025 (K Units)

Figure 26. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Company in 2025

Figure 27. Prismatic Lithium-ion Battery Cell Revenue by Company in 2025 (\$ millions)

Figure 28. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Company in 2025

Figure 29. Global Prismatic Lithium-ion Battery Cell Sales Market Share by Geographic Region (2020-2025)

Figure 30. Global Prismatic Lithium-ion Battery Cell Revenue Market Share by Geographic Region in 2025

Figure 31. Americas Prismatic Lithium-ion Battery Cell Sales 2020-2025 (K Units)

Figure 32. Americas Prismatic Lithium-ion Battery Cell Revenue 2020-2025 (\$ millions)

Figure 33. APAC Prismatic Lithium-ion Battery Cell Sales 2020-2025 (K Units)

Figure 34. APAC Prismatic Lithium-ion Battery Cell Revenue 2020-2025 (\$ millions)

Figure 35. Europe Prismatic Lithium-ion Battery Cell Sales 2020-2025 (K Units)

Figure 36. Europe Prismatic Lithium-ion Battery Cell Revenue 2020-2025 (\$ millions)

Figure 37. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales 2020-2025 (K Units)

Figure 38. Middle East & Africa Prismatic Lithium-ion Battery Cell Revenue 2020-2025 (\$ millions)

Figure 39. Americas Prismatic Lithium-ion Battery Cell Sales Market Share by Country in 2025

Figure 40. Americas Prismatic Lithium-ion Battery Cell Revenue Market Share by Country (2020-2025)

Figure 41. Americas Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)

Figure 42. Americas Prismatic Lithium-ion Battery Cell Sales Market Share by Application (2020-2025)

Figure 43. United States Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 44. Canada Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 45. Mexico Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 46. Brazil Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 47. APAC Prismatic Lithium-ion Battery Cell Sales Market Share by Region in

2025

Figure 48. APAC Prismatic Lithium-ion Battery Cell Revenue Market Share by Region (2020-2025)

Figure 49. APAC Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)

Figure 50. APAC Prismatic Lithium-ion Battery Cell Sales Market Share by Application (2020-2025)

Figure 51. China Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 52. Japan Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 53. South Korea Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 54. Southeast Asia Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 55. India Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 56. Australia Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 57. China Taiwan Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 58. Europe Prismatic Lithium-ion Battery Cell Sales Market Share by Country in 2025

Figure 59. Europe Prismatic Lithium-ion Battery Cell Revenue Market Share by Country (2020-2025)

Figure 60. Europe Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)

Figure 61. Europe Prismatic Lithium-ion Battery Cell Sales Market Share by Application (2020-2025)

Figure 62. Germany Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 63. France Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 64. UK Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 65. Italy Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 66. Russia Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 67. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales Market Share by Country (2020-2025)

Figure 68. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales Market Share by Type (2020-2025)

Figure 69. Middle East & Africa Prismatic Lithium-ion Battery Cell Sales Market Share by Application (2020-2025)

Figure 70. Egypt Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 71. South Africa Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 72. Israel Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 73. Turkey Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 74. GCC Countries Prismatic Lithium-ion Battery Cell Revenue Growth 2020-2025 (\$ millions)

Figure 75. Manufacturing Cost Structure Analysis of Prismatic Lithium-ion Battery Cell in 2025

Figure 76. Manufacturing Process Analysis of Prismatic Lithium-ion Battery Cell

Figure 77. Industry Chain Structure of Prismatic Lithium-ion Battery Cell

Figure 78. Channels of Distribution

Figure 79. Global Prismatic Lithium-ion Battery Cell Sales Market Forecast by Region (2026-2031)

Figure 80. Global Prismatic Lithium-ion Battery Cell Revenue Market Share Forecast by Region (2026-2031)

Figure 81. Global Prismatic Lithium-ion Battery Cell Sales Market Share Forecast by Type (2026-2031)

Figure 82. Global Prismatic Lithium-ion Battery Cell Revenue Market Share Forecast by Type (2026-2031)

Figure 83. Global Prismatic Lithium-ion Battery Cell Sales Market Share Forecast by Application (2026-2031)

Figure 84. Global Prismatic Lithium-ion Battery Cell Revenue Market Share Forecast by Application (2026-2031)

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