

Global Prismatic LiFePO4 Battery Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Prismatic LiFePO4 Battery market size was valued at US\$ 5952.7 million in 2023. With growing demand in downstream market, the Prismatic LiFePO4 Battery is forecast to a readjusted size of US\$ 9335.3 million by 2030 with a CAGR of 6.6% during review period.

The research report highlights the growth potential of the global Prismatic LiFePO4 Battery market. Prismatic LiFePO4 Battery are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Prismatic LiFePO4 Battery. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Prismatic LiFePO4 Battery market.

Prismatic LiFePO4 Battery is a Prismatic lithium ion Battery made up of LiFePO4 anode materials.

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%.

Key Features:

The report on Prismatic LiFePO₄ Battery market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Prismatic LiFePO₄ Battery market. It may include historical data, market segmentation by Type (e.g., 14430, 14650), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Prismatic LiFePO₄ Battery market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Prismatic LiFePO₄ Battery market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Prismatic LiFePO₄ Battery industry. This include advancements in Prismatic LiFePO₄ Battery technology, Prismatic LiFePO₄ Battery new entrants, Prismatic LiFePO₄ Battery new investment, and other innovations that are shaping the future of Prismatic LiFePO₄ Battery.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Prismatic LiFePO4 Battery market. It includes factors influencing customer ' purchasing decisions, preferences for Prismatic LiFePO4 Battery product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Prismatic LiFePO4 Battery market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Prismatic LiFePO4 Battery market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Prismatic LiFePO4 Battery market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Prismatic LiFePO4 Battery industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Prismatic LiFePO4 Battery market.

Market Segmentation:

Prismatic LiFePO4 Battery market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

14430

14650

17500

18650

18490

22650

26650

32650

Segmentation by application

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

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.

CATL

BYD

Panasonic(Sanyo)

Samsung SDI

LG Chem

Tianjin Lishen

Hefei Guoxuan

LARGE

OptimumNano

DLG Electronics

Zhuoneng New Energy

CHAM BATTERY

SK On

Key Questions Addressed in this Report

What is the 10-year outlook for the global Prismatic LiFePO₄ Battery market?

What factors are driving Prismatic LiFePO₄ Battery market growth, globally and by region?

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

How do Prismatic LiFePO₄ Battery market opportunities vary by end market size?

How does Prismatic LiFePO₄ Battery break out type, application?

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 LiFePO₄ Battery Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Prismatic LiFePO₄ Battery by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Prismatic LiFePO₄ Battery by Country/Region, 2019, 2023 & 2030
- 2.2 Prismatic LiFePO₄ Battery Segment by Type
 - 2.2.1 14430
 - 2.2.2 14650
 - 2.2.3 17500
 - 2.2.4 18650
 - 2.2.5 18490
 - 2.2.6 22650
 - 2.2.7 26650
 - 2.2.8 32650
- 2.3 Prismatic LiFePO₄ Battery Sales by Type
 - 2.3.1 Global Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Prismatic LiFePO₄ Battery Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Prismatic LiFePO₄ Battery Sale Price by Type (2019-2024)
- 2.4 Prismatic LiFePO₄ Battery Segment by Application
 - 2.4.1 Power Banks
 - 2.4.2 Laptop Battery Packs
 - 2.4.3 Electric Vehicles

2.4.4 Flashlights

2.4.5 Cordless Power Tools

2.4.6 Others

2.5 Prismatic LiFePO₄ Battery Sales by Application

2.5.1 Global Prismatic LiFePO₄ Battery Sale Market Share by Application (2019-2024)

2.5.2 Global Prismatic LiFePO₄ Battery Revenue and Market Share by Application (2019-2024)

2.5.3 Global Prismatic LiFePO₄ Battery Sale Price by Application (2019-2024)

3 GLOBAL PRISMATIC LIFEPO₄ BATTERY BY COMPANY

3.1 Global Prismatic LiFePO₄ Battery Breakdown Data by Company

3.1.1 Global Prismatic LiFePO₄ Battery Annual Sales by Company (2019-2024)

3.1.2 Global Prismatic LiFePO₄ Battery Sales Market Share by Company (2019-2024)

3.2 Global Prismatic LiFePO₄ Battery Annual Revenue by Company (2019-2024)

3.2.1 Global Prismatic LiFePO₄ Battery Revenue by Company (2019-2024)

3.2.2 Global Prismatic LiFePO₄ Battery Revenue Market Share by Company (2019-2024)

3.3 Global Prismatic LiFePO₄ Battery Sale Price by Company

3.4 Key Manufacturers Prismatic LiFePO₄ Battery Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Prismatic LiFePO₄ Battery Product Location Distribution

3.4.2 Players Prismatic LiFePO₄ Battery Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PRISMATIC LIFEPO₄ BATTERY BY GEOGRAPHIC REGION

4.1 World Historic Prismatic LiFePO₄ Battery Market Size by Geographic Region (2019-2024)

4.1.1 Global Prismatic LiFePO₄ Battery Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Prismatic LiFePO₄ Battery Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Prismatic LiFePO₄ Battery Market Size by Country/Region

(2019-2024)

4.2.1 Global Prismatic LiFePO₄ Battery Annual Sales by Country/Region (2019-2024)

4.2.2 Global Prismatic LiFePO₄ Battery Annual Revenue by Country/Region

(2019-2024)

4.3 Americas Prismatic LiFePO₄ Battery Sales Growth

4.4 APAC Prismatic LiFePO₄ Battery Sales Growth

4.5 Europe Prismatic LiFePO₄ Battery Sales Growth

4.6 Middle East & Africa Prismatic LiFePO₄ Battery Sales Growth

5 AMERICAS

5.1 Americas Prismatic LiFePO₄ Battery Sales by Country

5.1.1 Americas Prismatic LiFePO₄ Battery Sales by Country (2019-2024)

5.1.2 Americas Prismatic LiFePO₄ Battery Revenue by Country (2019-2024)

5.2 Americas Prismatic LiFePO₄ Battery Sales by Type

5.3 Americas Prismatic LiFePO₄ Battery Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Prismatic LiFePO₄ Battery Sales by Region

6.1.1 APAC Prismatic LiFePO₄ Battery Sales by Region (2019-2024)

6.1.2 APAC Prismatic LiFePO₄ Battery Revenue by Region (2019-2024)

6.2 APAC Prismatic LiFePO₄ Battery Sales by Type

6.3 APAC Prismatic LiFePO₄ Battery 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 Prismatic LiFePO₄ Battery by Country

- 7.1.1 Europe Prismatic LiFePO4 Battery Sales by Country (2019-2024)
- 7.1.2 Europe Prismatic LiFePO4 Battery Revenue by Country (2019-2024)
- 7.2 Europe Prismatic LiFePO4 Battery Sales by Type
- 7.3 Europe Prismatic LiFePO4 Battery 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 Prismatic LiFePO4 Battery by Country
 - 8.1.1 Middle East & Africa Prismatic LiFePO4 Battery Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Prismatic LiFePO4 Battery Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Prismatic LiFePO4 Battery Sales by Type
- 8.3 Middle East & Africa Prismatic LiFePO4 Battery 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 Prismatic LiFePO4 Battery
- 10.3 Manufacturing Process Analysis of Prismatic LiFePO4 Battery
- 10.4 Industry Chain Structure of Prismatic LiFePO4 Battery

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Prismatic LiFePO4 Battery Distributors

11.3 Prismatic LiFePO4 Battery Customer

12 WORLD FORECAST REVIEW FOR PRISMATIC LiFePO4 BATTERY BY GEOGRAPHIC REGION

12.1 Global Prismatic LiFePO4 Battery Market Size Forecast by Region

12.1.1 Global Prismatic LiFePO4 Battery Forecast by Region (2025-2030)

12.1.2 Global Prismatic LiFePO4 Battery Annual Revenue Forecast by Region (2025-2030)

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 Prismatic LiFePO4 Battery Forecast by Type

12.7 Global Prismatic LiFePO4 Battery Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 CATL

13.1.1 CATL Company Information

13.1.2 CATL Prismatic LiFePO4 Battery Product Portfolios and Specifications

13.1.3 CATL Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 CATL Main Business Overview

13.1.5 CATL Latest Developments

13.2 BYD

13.2.1 BYD Company Information

13.2.2 BYD Prismatic LiFePO4 Battery Product Portfolios and Specifications

13.2.3 BYD Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 BYD Main Business Overview

13.2.5 BYD Latest Developments

13.3 Panasonic(Sanyo)

13.3.1 Panasonic(Sanyo) Company Information

13.3.2 Panasonic(Sanyo) Prismatic LiFePO4 Battery Product Portfolios and

Specifications

13.3.3 Panasonic(Sanyo) Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Panasonic(Sanyo) Main Business Overview

13.3.5 Panasonic(Sanyo) Latest Developments

13.4 Samsung SDI

13.4.1 Samsung SDI Company Information

13.4.2 Samsung SDI Prismatic LiFePO₄ Battery Product Portfolios and Specifications

13.4.3 Samsung SDI Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Samsung SDI Main Business Overview

13.4.5 Samsung SDI Latest Developments

13.5 LG Chem

13.5.1 LG Chem Company Information

13.5.2 LG Chem Prismatic LiFePO₄ Battery Product Portfolios and Specifications

13.5.3 LG Chem Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 LG Chem Main Business Overview

13.5.5 LG Chem Latest Developments

13.6 Tianjin Lishen

13.6.1 Tianjin Lishen Company Information

13.6.2 Tianjin Lishen Prismatic LiFePO₄ Battery Product Portfolios and Specifications

13.6.3 Tianjin Lishen Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Tianjin Lishen Main Business Overview

13.6.5 Tianjin Lishen Latest Developments

13.7 Hefei Guoxuan

13.7.1 Hefei Guoxuan Company Information

13.7.2 Hefei Guoxuan Prismatic LiFePO₄ Battery Product Portfolios and Specifications

13.7.3 Hefei Guoxuan Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Hefei Guoxuan Main Business Overview

13.7.5 Hefei Guoxuan Latest Developments

13.8 LARGE

13.8.1 LARGE Company Information

13.8.2 LARGE Prismatic LiFePO₄ Battery Product Portfolios and Specifications

13.8.3 LARGE Prismatic LiFePO₄ Battery Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 LARGE Main Business Overview

- 13.8.5 LARGE Latest Developments
- 13.9 OptimumNano
 - 13.9.1 OptimumNano Company Information
 - 13.9.2 OptimumNano Prismatic LiFePO4 Battery Product Portfolios and Specifications
 - 13.9.3 OptimumNano Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 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 LiFePO4 Battery Product Portfolios and Specifications
 - 13.10.3 DLG Electronics Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 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 LiFePO4 Battery Product Portfolios and Specifications
 - 13.11.3 Zhuoneng New Energy Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 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 LiFePO4 Battery Product Portfolios and Specifications
 - 13.12.3 CHAM BATTERY Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 CHAM BATTERY Main Business Overview
 - 13.12.5 CHAM BATTERY Latest Developments
- 13.13 SK On
 - 13.13.1 SK On Company Information
 - 13.13.2 SK On Prismatic LiFePO4 Battery Product Portfolios and Specifications
 - 13.13.3 SK On Prismatic LiFePO4 Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.13.4 SK On Main Business Overview
 - 13.13.5 SK On Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Prismatic LiFePO₄ Battery Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Prismatic LiFePO₄ Battery Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of 14430
- Table 4. Major Players of 14650
- Table 5. Major Players of 17500
- Table 6. Major Players of 18650
- Table 7. Major Players of 18490
- Table 8. Major Players of 22650
- Table 9. Major Players of 26650
- Table 10. Major Players of 32650
- Table 11. Global Prismatic LiFePO₄ Battery Sales by Type (2019-2024) & (K Pcs)
- Table 12. Global Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)
- Table 13. Global Prismatic LiFePO₄ Battery Revenue by Type (2019-2024) & (\$ million)
- Table 14. Global Prismatic LiFePO₄ Battery Revenue Market Share by Type (2019-2024)
- Table 15. Global Prismatic LiFePO₄ Battery Sale Price by Type (2019-2024) & (USD/Pcs)
- Table 16. Global Prismatic LiFePO₄ Battery Sales by Application (2019-2024) & (K Pcs)
- Table 17. Global Prismatic LiFePO₄ Battery Sales Market Share by Application (2019-2024)
- Table 18. Global Prismatic LiFePO₄ Battery Revenue by Application (2019-2024)
- Table 19. Global Prismatic LiFePO₄ Battery Revenue Market Share by Application (2019-2024)
- Table 20. Global Prismatic LiFePO₄ Battery Sale Price by Application (2019-2024) & (USD/Pcs)
- Table 21. Global Prismatic LiFePO₄ Battery Sales by Company (2019-2024) & (K Pcs)
- Table 22. Global Prismatic LiFePO₄ Battery Sales Market Share by Company (2019-2024)
- Table 23. Global Prismatic LiFePO₄ Battery Revenue by Company (2019-2024) (\$ Millions)
- Table 24. Global Prismatic LiFePO₄ Battery Revenue Market Share by Company (2019-2024)
- Table 25. Global Prismatic LiFePO₄ Battery Sale Price by Company (2019-2024) &

(USD/Pcs)

Table 26. Key Manufacturers Prismatic LiFePO₄ Battery Producing Area Distribution and Sales Area

Table 27. Players Prismatic LiFePO₄ Battery Products Offered

Table 28. Prismatic LiFePO₄ Battery Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 29. New Products and Potential Entrants

Table 30. Mergers & Acquisitions, Expansion

Table 31. Global Prismatic LiFePO₄ Battery Sales by Geographic Region (2019-2024) & (K Pcs)

Table 32. Global Prismatic LiFePO₄ Battery Sales Market Share Geographic Region (2019-2024)

Table 33. Global Prismatic LiFePO₄ Battery Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 34. Global Prismatic LiFePO₄ Battery Revenue Market Share by Geographic Region (2019-2024)

Table 35. Global Prismatic LiFePO₄ Battery Sales by Country/Region (2019-2024) & (K Pcs)

Table 36. Global Prismatic LiFePO₄ Battery Sales Market Share by Country/Region (2019-2024)

Table 37. Global Prismatic LiFePO₄ Battery Revenue by Country/Region (2019-2024) & (\$ millions)

Table 38. Global Prismatic LiFePO₄ Battery Revenue Market Share by Country/Region (2019-2024)

Table 39. Americas Prismatic LiFePO₄ Battery Sales by Country (2019-2024) & (K Pcs)

Table 40. Americas Prismatic LiFePO₄ Battery Sales Market Share by Country (2019-2024)

Table 41. Americas Prismatic LiFePO₄ Battery Revenue by Country (2019-2024) & (\$ Millions)

Table 42. Americas Prismatic LiFePO₄ Battery Revenue Market Share by Country (2019-2024)

Table 43. Americas Prismatic LiFePO₄ Battery Sales by Type (2019-2024) & (K Pcs)

Table 44. Americas Prismatic LiFePO₄ Battery Sales by Application (2019-2024) & (K Pcs)

Table 45. APAC Prismatic LiFePO₄ Battery Sales by Region (2019-2024) & (K Pcs)

Table 46. APAC Prismatic LiFePO₄ Battery Sales Market Share by Region (2019-2024)

Table 47. APAC Prismatic LiFePO₄ Battery Revenue by Region (2019-2024) & (\$ Millions)

Table 48. APAC Prismatic LiFePO₄ Battery Revenue Market Share by Region

(2019-2024)

Table 49. APAC Prismatic LiFePO₄ Battery Sales by Type (2019-2024) & (K Pcs)

Table 50. APAC Prismatic LiFePO₄ Battery Sales by Application (2019-2024) & (K Pcs)

Table 51. Europe Prismatic LiFePO₄ Battery Sales by Country (2019-2024) & (K Pcs)

Table 52. Europe Prismatic LiFePO₄ Battery Sales Market Share by Country
(2019-2024)

Table 53. Europe Prismatic LiFePO₄ Battery Revenue by Country (2019-2024) & (\$
Millions)

Table 54. Europe Prismatic LiFePO₄ Battery Revenue Market Share by Country
(2019-2024)

Table 55. Europe Prismatic LiFePO₄ Battery Sales by Type (2019-2024) & (K Pcs)

Table 56. Europe Prismatic LiFePO₄ Battery Sales by Application (2019-2024) & (K
Pcs)

Table 57. Middle East & Africa Prismatic LiFePO₄ Battery Sales by Country
(2019-2024) & (K Pcs)

Table 58. Middle East & Africa Prismatic LiFePO₄ Battery Sales Market Share by
Country (2019-2024)

Table 59. Middle East & Africa Prismatic LiFePO₄ Battery Revenue by Country
(2019-2024) & (\$ Millions)

Table 60. Middle East & Africa Prismatic LiFePO₄ Battery Revenue Market Share by
Country (2019-2024)

Table 61. Middle East & Africa Prismatic LiFePO₄ Battery Sales by Type (2019-2024) &
(K Pcs)

Table 62. Middle East & Africa Prismatic LiFePO₄ Battery Sales by Application
(2019-2024) & (K Pcs)

Table 63. Key Market Drivers & Growth Opportunities of Prismatic LiFePO₄ Battery

Table 64. Key Market Challenges & Risks of Prismatic LiFePO₄ Battery

Table 65. Key Industry Trends of Prismatic LiFePO₄ Battery

Table 66. Prismatic LiFePO₄ Battery Raw Material

Table 67. Key Suppliers of Raw Materials

Table 68. Prismatic LiFePO₄ Battery Distributors List

Table 69. Prismatic LiFePO₄ Battery Customer List

Table 70. Global Prismatic LiFePO₄ Battery Sales Forecast by Region (2025-2030) &
(K Pcs)

Table 71. Global Prismatic LiFePO₄ Battery Revenue Forecast by Region (2025-2030)
& (\$ millions)

Table 72. Americas Prismatic LiFePO₄ Battery Sales Forecast by Country (2025-2030)
& (K Pcs)

Table 73. Americas Prismatic LiFePO₄ Battery Revenue Forecast by Country

(2025-2030) & (\$ millions)

Table 74. APAC Prismatic LiFePO₄ Battery Sales Forecast by Region (2025-2030) & (K Pcs)

Table 75. APAC Prismatic LiFePO₄ Battery Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 76. Europe Prismatic LiFePO₄ Battery Sales Forecast by Country (2025-2030) & (K Pcs)

Table 77. Europe Prismatic LiFePO₄ Battery Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 78. Middle East & Africa Prismatic LiFePO₄ Battery Sales Forecast by Country (2025-2030) & (K Pcs)

Table 79. Middle East & Africa Prismatic LiFePO₄ Battery Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 80. Global Prismatic LiFePO₄ Battery Sales Forecast by Type (2025-2030) & (K Pcs)

Table 81. Global Prismatic LiFePO₄ Battery Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 82. Global Prismatic LiFePO₄ Battery Sales Forecast by Application (2025-2030) & (K Pcs)

Table 83. Global Prismatic LiFePO₄ Battery Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 84. CATL Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 85. CATL Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 86. CATL Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 87. CATL Main Business

Table 88. CATL Latest Developments

Table 89. BYD Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 90. BYD Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 91. BYD Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 92. BYD Main Business

Table 93. BYD Latest Developments

Table 94. Panasonic(Sanyo) Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 95. Panasonic(Sanyo) Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 96. Panasonic(Sanyo) Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 97. Panasonic(Sanyo) Main Business

Table 98. Panasonic(Sanyo) Latest Developments

Table 99. Samsung SDI Basic Information, Prismatic LiFePO4 Battery Manufacturing Base, Sales Area and Its Competitors

Table 100. Samsung SDI Prismatic LiFePO4 Battery Product Portfolios and Specifications

Table 101. Samsung SDI Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 102. Samsung SDI Main Business

Table 103. Samsung SDI Latest Developments

Table 104. LG Chem Basic Information, Prismatic LiFePO4 Battery Manufacturing Base, Sales Area and Its Competitors

Table 105. LG Chem Prismatic LiFePO4 Battery Product Portfolios and Specifications

Table 106. LG Chem Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 107. LG Chem Main Business

Table 108. LG Chem Latest Developments

Table 109. Tianjin Lishen Basic Information, Prismatic LiFePO4 Battery Manufacturing Base, Sales Area and Its Competitors

Table 110. Tianjin Lishen Prismatic LiFePO4 Battery Product Portfolios and Specifications

Table 111. Tianjin Lishen Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 112. Tianjin Lishen Main Business

Table 113. Tianjin Lishen Latest Developments

Table 114. Hefei Guoxuan Basic Information, Prismatic LiFePO4 Battery Manufacturing Base, Sales Area and Its Competitors

Table 115. Hefei Guoxuan Prismatic LiFePO4 Battery Product Portfolios and Specifications

Table 116. Hefei Guoxuan Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 117. Hefei Guoxuan Main Business

Table 118. Hefei Guoxuan Latest Developments

Table 119. LARGE Basic Information, Prismatic LiFePO4 Battery Manufacturing Base, Sales Area and Its Competitors

Table 120. LARGE Prismatic LiFePO4 Battery Product Portfolios and Specifications

Table 121. LARGE Prismatic LiFePO4 Battery Sales (K Pcs), Revenue (\$ Million), Price

(USD/Pcs) and Gross Margin (2019-2024)

Table 122. LARGE Main Business

Table 123. LARGE Latest Developments

Table 124. OptimumNano Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 125. OptimumNano Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 126. OptimumNano Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 127. OptimumNano Main Business

Table 128. OptimumNano Latest Developments

Table 129. DLG Electronics Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 130. DLG Electronics Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 131. DLG Electronics Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 132. DLG Electronics Main Business

Table 133. DLG Electronics Latest Developments

Table 134. Zhuoneng New Energy Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 135. Zhuoneng New Energy Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 136. Zhuoneng New Energy Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 137. Zhuoneng New Energy Main Business

Table 138. Zhuoneng New Energy Latest Developments

Table 139. CHAM BATTERY Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 140. CHAM BATTERY Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 141. CHAM BATTERY Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price (USD/Pcs) and Gross Margin (2019-2024)

Table 142. CHAM BATTERY Main Business

Table 143. CHAM BATTERY Latest Developments

Table 144. SK On Basic Information, Prismatic LiFePO₄ Battery Manufacturing Base, Sales Area and Its Competitors

Table 145. SK On Prismatic LiFePO₄ Battery Product Portfolios and Specifications

Table 146. SK On Prismatic LiFePO₄ Battery Sales (K Pcs), Revenue (\$ Million), Price

(USD/Pcs) and Gross Margin (2019-2024)

Table 147. SK On Main Business

Table 148. SK On Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Prismatic LiFePO₄ Battery
- Figure 2. Prismatic LiFePO₄ Battery Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Prismatic LiFePO₄ Battery Sales Growth Rate 2019-2030 (K Pcs)
- Figure 7. Global Prismatic LiFePO₄ Battery Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Prismatic LiFePO₄ Battery Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of 14430
- Figure 10. Product Picture of 14650
- Figure 11. Product Picture of 17500
- Figure 12. Product Picture of 18650
- Figure 13. Product Picture of 18490
- Figure 14. Product Picture of 22650
- Figure 15. Product Picture of 26650
- Figure 16. Product Picture of 32650
- Figure 17. Global Prismatic LiFePO₄ Battery Sales Market Share by Type in 2023
- Figure 18. Global Prismatic LiFePO₄ Battery Revenue Market Share by Type (2019-2024)
- Figure 19. Prismatic LiFePO₄ Battery Consumed in Power Banks
- Figure 20. Global Prismatic LiFePO₄ Battery Market: Power Banks (2019-2024) & (K Pcs)
- Figure 21. Prismatic LiFePO₄ Battery Consumed in Laptop Battery Packs
- Figure 22. Global Prismatic LiFePO₄ Battery Market: Laptop Battery Packs (2019-2024) & (K Pcs)
- Figure 23. Prismatic LiFePO₄ Battery Consumed in Electric Vehicles
- Figure 24. Global Prismatic LiFePO₄ Battery Market: Electric Vehicles (2019-2024) & (K Pcs)
- Figure 25. Prismatic LiFePO₄ Battery Consumed in Flashlights
- Figure 26. Global Prismatic LiFePO₄ Battery Market: Flashlights (2019-2024) & (K Pcs)
- Figure 27. Prismatic LiFePO₄ Battery Consumed in Cordless Power Tools
- Figure 28. Global Prismatic LiFePO₄ Battery Market: Cordless Power Tools (2019-2024) & (K Pcs)

- Figure 29. Prismatic LiFePO₄ Battery Consumed in Others
- Figure 30. Global Prismatic LiFePO₄ Battery Market: Others (2019-2024) & (K Pcs)
- Figure 31. Global Prismatic LiFePO₄ Battery Sales Market Share by Application (2023)
- Figure 32. Global Prismatic LiFePO₄ Battery Revenue Market Share by Application in 2023
- Figure 33. Prismatic LiFePO₄ Battery Sales Market by Company in 2023 (K Pcs)
- Figure 34. Global Prismatic LiFePO₄ Battery Sales Market Share by Company in 2023
- Figure 35. Prismatic LiFePO₄ Battery Revenue Market by Company in 2023 (\$ Million)
- Figure 36. Global Prismatic LiFePO₄ Battery Revenue Market Share by Company in 2023
- Figure 37. Global Prismatic LiFePO₄ Battery Sales Market Share by Geographic Region (2019-2024)
- Figure 38. Global Prismatic LiFePO₄ Battery Revenue Market Share by Geographic Region in 2023
- Figure 39. Americas Prismatic LiFePO₄ Battery Sales 2019-2024 (K Pcs)
- Figure 40. Americas Prismatic LiFePO₄ Battery Revenue 2019-2024 (\$ Millions)
- Figure 41. APAC Prismatic LiFePO₄ Battery Sales 2019-2024 (K Pcs)
- Figure 42. APAC Prismatic LiFePO₄ Battery Revenue 2019-2024 (\$ Millions)
- Figure 43. Europe Prismatic LiFePO₄ Battery Sales 2019-2024 (K Pcs)
- Figure 44. Europe Prismatic LiFePO₄ Battery Revenue 2019-2024 (\$ Millions)
- Figure 45. Middle East & Africa Prismatic LiFePO₄ Battery Sales 2019-2024 (K Pcs)
- Figure 46. Middle East & Africa Prismatic LiFePO₄ Battery Revenue 2019-2024 (\$ Millions)
- Figure 47. Americas Prismatic LiFePO₄ Battery Sales Market Share by Country in 2023
- Figure 48. Americas Prismatic LiFePO₄ Battery Revenue Market Share by Country in 2023
- Figure 49. Americas Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)
- Figure 50. Americas Prismatic LiFePO₄ Battery Sales Market Share by Application (2019-2024)
- Figure 51. United States Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. Canada Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. Mexico Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)
- Figure 54. Brazil Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)
- Figure 55. APAC Prismatic LiFePO₄ Battery Sales Market Share by Region in 2023
- Figure 56. APAC Prismatic LiFePO₄ Battery Revenue Market Share by Regions in 2023
- Figure 57. APAC Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)
- Figure 58. APAC Prismatic LiFePO₄ Battery Sales Market Share by Application

(2019-2024)

Figure 59. China Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Japan Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 61. South Korea Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Southeast Asia Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 63. India Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Australia Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 65. China Taiwan Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Europe Prismatic LiFePO₄ Battery Sales Market Share by Country in 2023

Figure 67. Europe Prismatic LiFePO₄ Battery Revenue Market Share by Country in 2023

Figure 68. Europe Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)

Figure 69. Europe Prismatic LiFePO₄ Battery Sales Market Share by Application (2019-2024)

Figure 70. Germany Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 71. France Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 72. UK Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Italy Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Russia Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Middle East & Africa Prismatic LiFePO₄ Battery Sales Market Share by Country in 2023

Figure 76. Middle East & Africa Prismatic LiFePO₄ Battery Revenue Market Share by Country in 2023

Figure 77. Middle East & Africa Prismatic LiFePO₄ Battery Sales Market Share by Type (2019-2024)

Figure 78. Middle East & Africa Prismatic LiFePO₄ Battery Sales Market Share by Application (2019-2024)

Figure 79. Egypt Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 80. South Africa Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 81. Israel Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 82. Turkey Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 83. GCC Country Prismatic LiFePO₄ Battery Revenue Growth 2019-2024 (\$ Millions)

Figure 84. Manufacturing Cost Structure Analysis of Prismatic LiFePO₄ Battery in 2023

Figure 85. Manufacturing Process Analysis of Prismatic LiFePO₄ Battery

Figure 86. Industry Chain Structure of Prismatic LiFePO₄ Battery

Figure 87. Channels of Distribution

Figure 88. Global Prismatic LiFePO₄ Battery Sales Market Forecast by Region (2025-2030)

Figure 89. Global Prismatic LiFePO₄ Battery Revenue Market Share Forecast by Region (2025-2030)

Figure 90. Global Prismatic LiFePO₄ Battery Sales Market Share Forecast by Type (2025-2030)

Figure 91. Global Prismatic LiFePO₄ Battery Revenue Market Share Forecast by Type (2025-2030)

Figure 92. Global Prismatic LiFePO₄ Battery Sales Market Share Forecast by Application (2025-2030)

Figure 93. Global Prismatic LiFePO₄ Battery Revenue Market Share Forecast by Application (2025-2030)

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