

Global Cylindrical Lithium Ion Battery Market Growth 2025-2031

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Abstracts

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The global Cylindrical Lithium Ion Battery market size is predicted to grow from US\$ 8739 million in 2025 to US\$ 10310 million in 2031; it is expected to grow at a CAGR of 2.8% from 2025 to 2031.

A lithium-ion battery or Li-ion battery is a type of rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging. Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. The electrolyte, which allows for ionic movement, and the two electrodes are the constituent components of a lithium-ion battery cell.

Cells with a cylindrical shape are made in a characteristic 'swiss roll' manner, which means it is a single long sandwich of positive electrode, separator, negative electrode and separator rolled into a single spool. The main disadvantage of this method of construction is that the cell will have a higher series inductance.

Cylindrical lithium ion battery industry is relatively concentrated, manufacturers are mostly in the Japan, Korea and China. Among them, Japan output value accounted for more than 36% of the total output value of global cylindrical lithium ion battery. Panasonic (Sanyo) is the world leading manufacturer in global cylindrical lithium ion battery market with the market share of 50%, in terms of revenue.

LP Information, Inc. (LPI) ' newest research report, the "Cylindrical Lithium Ion Battery Industry Forecast" looks at past sales and reviews total world Cylindrical Lithium Ion

Battery sales in 2024, providing a comprehensive analysis by region and market sector of projected Cylindrical Lithium Ion Battery sales for 2025 through 2031. With Cylindrical Lithium Ion Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cylindrical Lithium Ion Battery industry.

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

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

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

Segmentation by Type:

LiCoO₂ Battery

NMC/NCA

LiFePO₄ Battery

Others

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 analysing the company's coverage, product portfolio, its market penetration.

Panasonic (Sanyo)

Samsung SDI

LG Chem

Sony

Wanxiang (A123 Systems)

Hitachi

Tianjin Lishen

Hefei Guoxuan

Dongguan Large Electronics

OptimumNano

DLG Electronics

Zhuoneng New Energy

CHAM BATTERY

Padre Electronic

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cylindrical Lithium Ion Battery market?

What factors are driving Cylindrical Lithium Ion Battery market growth, globally and by region?

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

How do Cylindrical Lithium Ion Battery market opportunities vary by end market size?

How does Cylindrical Lithium Ion Battery break out by Type, by 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 Cylindrical Lithium Ion Battery Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Cylindrical Lithium Ion Battery by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Cylindrical Lithium Ion Battery by Country/Region, 2020, 2024 & 2031
- 2.2 Cylindrical Lithium Ion Battery Segment by Type
 - 2.2.1 LiCoO₂ Battery
 - 2.2.2 NMC/NCA
 - 2.2.3 LiFePO₄ Battery
 - 2.2.4 Others
- 2.3 Cylindrical Lithium Ion Battery Sales by Type
 - 2.3.1 Global Cylindrical Lithium Ion Battery Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Cylindrical Lithium Ion Battery Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Cylindrical Lithium Ion Battery Sale Price by Type (2020-2025)
- 2.4 Cylindrical Lithium Ion 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 Cylindrical Lithium Ion Battery Sales by Application

2.5.1 Global Cylindrical Lithium Ion Battery Sale Market Share by Application
(2020-2025)

2.5.2 Global Cylindrical Lithium Ion Battery Revenue and Market Share by Application
(2020-2025)

2.5.3 Global Cylindrical Lithium Ion Battery Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Cylindrical Lithium Ion Battery Breakdown Data by Company

3.1.1 Global Cylindrical Lithium Ion Battery Annual Sales by Company (2020-2025)

3.1.2 Global Cylindrical Lithium Ion Battery Sales Market Share by Company
(2020-2025)

3.2 Global Cylindrical Lithium Ion Battery Annual Revenue by Company (2020-2025)

3.2.1 Global Cylindrical Lithium Ion Battery Revenue by Company (2020-2025)

3.2.2 Global Cylindrical Lithium Ion Battery Revenue Market Share by Company
(2020-2025)

3.3 Global Cylindrical Lithium Ion Battery Sale Price by Company

3.4 Key Manufacturers Cylindrical Lithium Ion Battery Producing Area Distribution,
Sales Area, Product Type

3.4.1 Key Manufacturers Cylindrical Lithium Ion Battery Product Location Distribution

3.4.2 Players Cylindrical Lithium Ion Battery 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 CYLINDRICAL LITHIUM ION BATTERY BY GEOGRAPHIC REGION

4.1 World Historic Cylindrical Lithium Ion Battery Market Size by Geographic Region
(2020-2025)

4.1.1 Global Cylindrical Lithium Ion Battery Annual Sales by Geographic Region
(2020-2025)

4.1.2 Global Cylindrical Lithium Ion Battery Annual Revenue by Geographic Region
(2020-2025)

4.2 World Historic Cylindrical Lithium Ion Battery Market Size by Country/Region
(2020-2025)

4.2.1 Global Cylindrical Lithium Ion Battery Annual Sales by Country/Region

(2020-2025)

4.2.2 Global Cylindrical Lithium Ion Battery Annual Revenue by Country/Region

(2020-2025)

4.3 Americas Cylindrical Lithium Ion Battery Sales Growth

4.4 APAC Cylindrical Lithium Ion Battery Sales Growth

4.5 Europe Cylindrical Lithium Ion Battery Sales Growth

4.6 Middle East & Africa Cylindrical Lithium Ion Battery Sales Growth

5 AMERICAS

5.1 Americas Cylindrical Lithium Ion Battery Sales by Country

5.1.1 Americas Cylindrical Lithium Ion Battery Sales by Country (2020-2025)

5.1.2 Americas Cylindrical Lithium Ion Battery Revenue by Country (2020-2025)

5.2 Americas Cylindrical Lithium Ion Battery Sales by Type (2020-2025)

5.3 Americas Cylindrical Lithium Ion Battery Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Cylindrical Lithium Ion Battery Sales by Region

6.1.1 APAC Cylindrical Lithium Ion Battery Sales by Region (2020-2025)

6.1.2 APAC Cylindrical Lithium Ion Battery Revenue by Region (2020-2025)

6.2 APAC Cylindrical Lithium Ion Battery Sales by Type (2020-2025)

6.3 APAC Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery by Country

7.1.1 Europe Cylindrical Lithium Ion Battery Sales by Country (2020-2025)

- 7.1.2 Europe Cylindrical Lithium Ion Battery Revenue by Country (2020-2025)
- 7.2 Europe Cylindrical Lithium Ion Battery Sales by Type (2020-2025)
- 7.3 Europe Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery by Country
 - 8.1.1 Middle East & Africa Cylindrical Lithium Ion Battery Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Cylindrical Lithium Ion Battery Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Cylindrical Lithium Ion Battery Sales by Type (2020-2025)
- 8.3 Middle East & Africa Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery
- 10.3 Manufacturing Process Analysis of Cylindrical Lithium Ion Battery
- 10.4 Industry Chain Structure of Cylindrical Lithium Ion Battery

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Cylindrical Lithium Ion Battery Distributors

11.3 Cylindrical Lithium Ion Battery Customer

12 WORLD FORECAST REVIEW FOR CYLINDRICAL LITHIUM ION BATTERY BY GEOGRAPHIC REGION

12.1 Global Cylindrical Lithium Ion Battery Market Size Forecast by Region

12.1.1 Global Cylindrical Lithium Ion Battery Forecast by Region (2026-2031)

12.1.2 Global Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery Forecast by Type (2026-2031)

12.7 Global Cylindrical Lithium Ion Battery Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Panasonic (Sanyo)

13.1.1 Panasonic (Sanyo) Company Information

13.1.2 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.1.3 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Panasonic (Sanyo) Main Business Overview

13.1.5 Panasonic (Sanyo) Latest Developments

13.2 Samsung SDI

13.2.1 Samsung SDI Company Information

13.2.2 Samsung SDI Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.2.3 Samsung SDI Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.3.3 LG Chem Cylindrical Lithium Ion Battery 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 Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.4.3 Sony Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Sony Main Business Overview

13.4.5 Sony Latest Developments

13.5 Wanxiang (A123 Systems)

13.5.1 Wanxiang (A123 Systems) Company Information

13.5.2 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.5.3 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Wanxiang (A123 Systems) Main Business Overview

13.5.5 Wanxiang (A123 Systems) Latest Developments

13.6 Hitachi

13.6.1 Hitachi Company Information

13.6.2 Hitachi Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.6.3 Hitachi Cylindrical Lithium Ion Battery 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

13.7.1 Tianjin Lishen Company Information

13.7.2 Tianjin Lishen Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.7.3 Tianjin Lishen Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Tianjin Lishen Main Business Overview

13.7.5 Tianjin Lishen Latest Developments

13.8 Hefei Guoxuan

13.8.1 Hefei Guoxuan Company Information

13.8.2 Hefei Guoxuan Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.8.3 Hefei Guoxuan Cylindrical Lithium Ion Battery 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 Dongguan Large Electronics

13.9.1 Dongguan Large Electronics Company Information

13.9.2 Dongguan Large Electronics Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.9.3 Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Dongguan Large Electronics Main Business Overview

13.9.5 Dongguan Large Electronics Latest Developments

13.10 OptimumNano

13.10.1 OptimumNano Company Information

13.10.2 OptimumNano Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.10.3 OptimumNano Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 OptimumNano Main Business Overview

13.10.5 OptimumNano Latest Developments

13.11 DLG Electronics

13.11.1 DLG Electronics Company Information

13.11.2 DLG Electronics Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.11.3 DLG Electronics Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 DLG Electronics Main Business Overview

13.11.5 DLG Electronics Latest Developments

13.12 Zhuoneng New Energy

13.12.1 Zhuoneng New Energy Company Information

13.12.2 Zhuoneng New Energy Cylindrical Lithium Ion Battery Product Portfolios and Specifications

13.12.3 Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Zhuoneng New Energy Main Business Overview

13.12.5 Zhuoneng New Energy Latest Developments

13.13 CHAM BATTERY

- 13.13.1 CHAM BATTERY Company Information
- 13.13.2 CHAM BATTERY Cylindrical Lithium Ion Battery Product Portfolios and Specifications
- 13.13.3 CHAM BATTERY Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.13.4 CHAM BATTERY Main Business Overview
- 13.13.5 CHAM BATTERY Latest Developments
- 13.14 Padre Electronic
 - 13.14.1 Padre Electronic Company Information
 - 13.14.2 Padre Electronic Cylindrical Lithium Ion Battery Product Portfolios and Specifications
 - 13.14.3 Padre Electronic Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.14.4 Padre Electronic Main Business Overview
 - 13.14.5 Padre Electronic Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

- Table 1. Cylindrical Lithium Ion Battery Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Cylindrical Lithium Ion Battery Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of LiCoO₂ Battery
- Table 4. Major Players of NMC/NCA
- Table 5. Major Players of LiFePO₄ Battery
- Table 6. Major Players of Others
- Table 7. Global Cylindrical Lithium Ion Battery Sales byType (2020-2025) & (GWh)
- Table 8. Global Cylindrical Lithium Ion Battery Sales Market Share byType (2020-2025)
- Table 9. Global Cylindrical Lithium Ion Battery Revenue byType (2020-2025) & (\$ million)
- Table 10. Global Cylindrical Lithium Ion Battery Revenue Market Share byType (2020-2025)
- Table 11. Global Cylindrical Lithium Ion Battery Sale Price byType (2020-2025) & (USD/KWh)
- Table 12. Global Cylindrical Lithium Ion Battery Sale by Application (2020-2025) & (GWh)

Table 13. Global Cylindrical Lithium Ion Battery Sale Market Share by Application (2020-2025)

Table 14. Global Cylindrical Lithium Ion Battery Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Cylindrical Lithium Ion Battery Revenue Market Share by Application (2020-2025)

Table 16. Global Cylindrical Lithium Ion Battery Sale Price by Application (2020-2025) & (USD/KWh)

Table 17. Global Cylindrical Lithium Ion Battery Sales by Company (2020-2025) & (GWh)

Table 18. Global Cylindrical Lithium Ion Battery Sales Market Share by Company (2020-2025)

Table 19. Global Cylindrical Lithium Ion Battery Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Cylindrical Lithium Ion Battery Revenue Market Share by Company (2020-2025)

Table 21. Global Cylindrical Lithium Ion Battery Sale Price by Company (2020-2025) & (USD/KWh)

Table 22. Key Manufacturers Cylindrical Lithium Ion Battery Producing Area Distribution and Sales Area

Table 23. Players Cylindrical Lithium Ion Battery Products Offered

Table 24. Cylindrical Lithium Ion Battery Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Cylindrical Lithium Ion Battery Sales by Geographic Region (2020-2025) & (GWh)

Table 28. Global Cylindrical Lithium Ion Battery Sales Market Share Geographic Region (2020-2025)

Table 29. Global Cylindrical Lithium Ion Battery Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Cylindrical Lithium Ion Battery Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Cylindrical Lithium Ion Battery Sales by Country/Region (2020-2025) & (GWh)

Table 32. Global Cylindrical Lithium Ion Battery Sales Market Share by Country/Region (2020-2025)

Table 33. Global Cylindrical Lithium Ion Battery Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Cylindrical Lithium Ion Battery Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Cylindrical Lithium Ion Battery Sales by Country (2020-2025) & (GWh)

Table 36. Americas Cylindrical Lithium Ion Battery Sales Market Share by Country (2020-2025)

Table 37. Americas Cylindrical Lithium Ion Battery Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Cylindrical Lithium Ion Battery Sales byType (2020-2025) & (GWh)

Table 39. Americas Cylindrical Lithium Ion Battery Sales by Application (2020-2025) & (GWh)

Table 40. APAC Cylindrical Lithium Ion Battery Sales by Region (2020-2025) & (GWh)

Table 41. APAC Cylindrical Lithium Ion Battery Sales Market Share by Region (2020-2025)

Table 42. APAC Cylindrical Lithium Ion Battery Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Cylindrical Lithium Ion Battery Sales byType (2020-2025) & (GWh)

Table 44. APAC Cylindrical Lithium Ion Battery Sales by Application (2020-2025) & (GWh)

Table 45. Europe Cylindrical Lithium Ion Battery Sales by Country (2020-2025) & (GWh)

Table 46. Europe Cylindrical Lithium Ion Battery Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Cylindrical Lithium Ion Battery Sales byType (2020-2025) & (GWh)

Table 48. Europe Cylindrical Lithium Ion Battery Sales by Application (2020-2025) & (GWh)

Table 49. Middle East & Africa Cylindrical Lithium Ion Battery Sales by Country (2020-2025) & (GWh)

Table 50. Middle East & Africa Cylindrical Lithium Ion Battery Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Cylindrical Lithium Ion Battery Sales byType (2020-2025) & (GWh)

Table 52. Middle East & Africa Cylindrical Lithium Ion Battery Sales by Application (2020-2025) & (GWh)

Table 53. Key Market Drivers & Growth Opportunities of Cylindrical Lithium Ion Battery

Table 54. Key Market Challenges & Risks of Cylindrical Lithium Ion Battery

Table 55. Key IndustryTrends of Cylindrical Lithium Ion Battery

Table 56. Cylindrical Lithium Ion Battery Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Cylindrical Lithium Ion Battery Distributors List

Table 59. Cylindrical Lithium Ion Battery Customer List

Table 60. Global Cylindrical Lithium Ion Battery SalesForecast by Region (2026-2031) & (GWh)

Table 61. Global Cylindrical Lithium Ion Battery RevenueForecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Cylindrical Lithium Ion Battery SalesForecast by Country (2026-2031) & (GWh)

Table 63. Americas Cylindrical Lithium Ion Battery Annual RevenueForecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Cylindrical Lithium Ion Battery SalesForecast by Region (2026-2031) & (GWh)

Table 65. APAC Cylindrical Lithium Ion Battery Annual RevenueForecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Cylindrical Lithium Ion Battery SalesForecast by Country (2026-2031) & (GWh)

Table 67. Europe Cylindrical Lithium Ion Battery RevenueForecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Cylindrical Lithium Ion Battery SalesForecast by Country (2026-2031) & (GWh)

Table 69. Middle East & Africa Cylindrical Lithium Ion Battery RevenueForecast by Country (2026-2031) & (\$ millions)

Table 70. Global Cylindrical Lithium Ion Battery SalesForecast byType (2026-2031) & (GWh)

Table 71. Global Cylindrical Lithium Ion Battery RevenueForecast byType (2026-2031) & (\$ millions)

Table 72. Global Cylindrical Lithium Ion Battery SalesForecast by Application (2026-2031) & (GWh)

Table 73. Global Cylindrical Lithium Ion Battery RevenueForecast by Application (2026-2031) & (\$ millions)

Table 74. Panasonic (Sanyo) Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 75. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 76. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 77. Panasonic (Sanyo) Main Business

Table 78. Panasonic (Sanyo) Latest Developments

Table 79. Samsung SDI Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 80. Samsung SDI Cylindrical Lithium Ion Battery Product Portfolios and Specifications
Table 81. Samsung SDI Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)
Table 82. Samsung SDI Main Business
Table 83. Samsung SDI Latest Developments
Table 84. LG Chem Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors
Table 85. LG Chem Cylindrical Lithium Ion Battery Product Portfolios and Specifications
Table 86. LG Chem Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)
Table 87. LG Chem Main Business
Table 88. LG Chem Latest Developments
Table 89. Sony Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors
Table 90. Sony Cylindrical Lithium Ion Battery Product Portfolios and Specifications
Table 91. Sony Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)
Table 92. Sony Main Business
Table 93. Sony Latest Developments
Table 94. Wanxiang (A123 Systems) Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors
Table 95. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product Portfolios and Specifications
Table 96. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)
Table 97. Wanxiang (A123 Systems) Main Business
Table 98. Wanxiang (A123 Systems) Latest Developments
Table 99. Hitachi Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors
Table 100. Hitachi Cylindrical Lithium Ion Battery Product Portfolios and Specifications
Table 101. Hitachi Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)
Table 102. Hitachi Main Business
Table 103. Hitachi Latest Developments
Table 104. Tianjin Lishen Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors
Table 105. Tianjin Lishen Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 106. Tianjin Lishen Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 107. Tianjin Lishen Main Business

Table 108. Tianjin Lishen Latest Developments

Table 109. Hefei Guoxuan Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 110. Hefei Guoxuan Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 111. Hefei Guoxuan Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 112. Hefei Guoxuan Main Business

Table 113. Hefei Guoxuan Latest Developments

Table 114. Dongguan Large Electronics Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 115. Dongguan Large Electronics Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 116. Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 117. Dongguan Large Electronics Main Business

Table 118. Dongguan Large Electronics Latest Developments

Table 119. OptimumNano Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 120. OptimumNano Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 121. OptimumNano Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 122. OptimumNano Main Business

Table 123. OptimumNano Latest Developments

Table 124. DLG Electronics Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 125. DLG Electronics Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 126. DLG Electronics Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 127. DLG Electronics Main Business

Table 128. DLG Electronics Latest Developments

Table 129. Zhuoneng New Energy Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 130. Zhuoneng New Energy Cylindrical Lithium Ion Battery Product Portfolios and

Specifications

Table 131. Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 132. Zhuoneng New Energy Main Business

Table 133. Zhuoneng New Energy Latest Developments

Table 134. CHAM BATTERY Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 135. CHAM BATTERY Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 136. CHAM BATTERY Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 137. CHAM BATTERY Main Business

Table 138. CHAM BATTERY Latest Developments

Table 139. Padre Electronic Basic Information, Cylindrical Lithium Ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 140. Padre Electronic Cylindrical Lithium Ion Battery Product Portfolios and Specifications

Table 141. Padre Electronic Cylindrical Lithium Ion Battery Sales (GWh), Revenue (\$ Million), Price (USD/KWh) and Gross Margin (2020-2025)

Table 142. Padre Electronic Main Business

Table 143. Padre Electronic Latest Developments

LIST OFFIGURES

Figure 1. Picture of Cylindrical Lithium Ion Battery

Figure 2. Cylindrical Lithium Ion Battery Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Cylindrical Lithium Ion Battery Sales Growth Rate 2020-2031 (GWh)

Figure 7. Global Cylindrical Lithium Ion Battery Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Cylindrical Lithium Ion Battery Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Cylindrical Lithium Ion Battery Sales Market Share by Country/Region (2024)

Figure 10. Cylindrical Lithium Ion Battery Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of LiCoO₂ Battery

Figure 12. Product Picture of NMC/NCA

Figure 13. Product Picture of LiFePO₄ Battery

Figure 14. Product Picture of Others

Figure 15. Global Cylindrical Lithium Ion Battery Sales Market Share byType in 2025

Figure 16. Global Cylindrical Lithium Ion Battery Revenue Market Share byType (2020-2025)

Figure 17. Cylindrical Lithium Ion Battery Consumed in Power Banks

Figure 18. Global Cylindrical Lithium Ion Battery Market: Power Banks (2020-2025) & (GWh)

Figure 19. Cylindrical Lithium Ion Battery Consumed in Laptop Battery Packs

Figure 20. Global Cylindrical Lithium Ion Battery Market: Laptop Battery Packs (2020-2025) & (GWh)

Figure 21. Cylindrical Lithium Ion Battery Consumed in Electric Vehicles

Figure 22. Global Cylindrical Lithium Ion Battery Market: Electric Vehicles (2020-2025) & (GWh)

Figure 23. Cylindrical Lithium Ion Battery Consumed inFlashlights

Figure 24. Global Cylindrical Lithium Ion Battery Market:Flashlights (2020-2025) & (GWh)

Figure 25. Cylindrical Lithium Ion Battery Consumed in Cordless PowerTools

Figure 26. Global Cylindrical Lithium Ion Battery Market: Cordless PowerTools (2020-2025) & (GWh)

Figure 27. Cylindrical Lithium Ion Battery Consumed in Others

Figure 28. Global Cylindrical Lithium Ion Battery Market: Others (2020-2025) & (GWh)

Figure 29. Global Cylindrical Lithium Ion Battery Sale Market Share by Application (2024)

Figure 30. Global Cylindrical Lithium Ion Battery Revenue Market Share by Application in 2025

Figure 31. Cylindrical Lithium Ion Battery Sales by Company in 2025 (GWh)

Figure 32. Global Cylindrical Lithium Ion Battery Sales Market Share by Company in 2025

Figure 33. Cylindrical Lithium Ion Battery Revenue by Company in 2025 (\$ millions)

Figure 34. Global Cylindrical Lithium Ion Battery Revenue Market Share by Company in 2025

Figure 35. Global Cylindrical Lithium Ion Battery Sales Market Share by Geographic Region (2020-2025)

Figure 36. Global Cylindrical Lithium Ion Battery Revenue Market Share by Geographic Region in 2025

Figure 37. Americas Cylindrical Lithium Ion Battery Sales 2020-2025 (GWh)

Figure 38. Americas Cylindrical Lithium Ion Battery Revenue 2020-2025 (\$ millions)

Figure 39. APAC Cylindrical Lithium Ion Battery Sales 2020-2025 (GWh)

Figure 40. APAC Cylindrical Lithium Ion Battery Revenue 2020-2025 (\$ millions)

Figure 41. Europe Cylindrical Lithium Ion Battery Sales 2020-2025 (GWh)

Figure 42. Europe Cylindrical Lithium Ion Battery Revenue 2020-2025 (\$ millions)

Figure 43. Middle East & Africa Cylindrical Lithium Ion Battery Sales 2020-2025 (GWh)

Figure 44. Middle East & Africa Cylindrical Lithium Ion Battery Revenue 2020-2025 (\$ millions)

Figure 45. Americas Cylindrical Lithium Ion Battery Sales Market Share by Country in 2025

Figure 46. Americas Cylindrical Lithium Ion Battery Revenue Market Share by Country (2020-2025)

Figure 47. Americas Cylindrical Lithium Ion Battery Sales Market Share byType (2020-2025)

Figure 48. Americas Cylindrical Lithium Ion Battery Sales Market Share by Application (2020-2025)

Figure 49. United States Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 50. Canada Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 51. Mexico Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 52. Brazil Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 53. APAC Cylindrical Lithium Ion Battery Sales Market Share by Region in 2025

Figure 54. APAC Cylindrical Lithium Ion Battery Revenue Market Share by Region (2020-2025)

Figure 55. APAC Cylindrical Lithium Ion Battery Sales Market Share byType (2020-2025)

Figure 56. APAC Cylindrical Lithium Ion Battery Sales Market Share by Application (2020-2025)

Figure 57. China Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 58. Japan Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 59. South Korea Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 60. Southeast Asia Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 61. India Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 62. Australia Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 63. ChinaTaiwan Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 64. Europe Cylindrical Lithium Ion Battery Sales Market Share by Country in 2025

Figure 65. Europe Cylindrical Lithium Ion Battery Revenue Market Share by Country (2020-2025)

Figure 66. Europe Cylindrical Lithium Ion Battery Sales Market Share byType (2020-2025)

Figure 67. Europe Cylindrical Lithium Ion Battery Sales Market Share by Application (2020-2025)

Figure 68. Germany Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 69. France Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 70. UK Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 71. Italy Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 72. Russia Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 73. Middle East & Africa Cylindrical Lithium Ion Battery Sales Market Share by Country (2020-2025)

Figure 74. Middle East & Africa Cylindrical Lithium Ion Battery Sales Market Share byType (2020-2025)

Figure 75. Middle East & Africa Cylindrical Lithium Ion Battery Sales Market Share by Application (2020-2025)

Figure 76. Egypt Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 77. South Africa Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 78. Israel Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 79. Turkey Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 80. GCC Countries Cylindrical Lithium Ion Battery Revenue Growth 2020-2025 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of Cylindrical Lithium Ion Battery in 2025

Figure 82. Manufacturing Process Analysis of Cylindrical Lithium Ion Battery

Figure 83. Industry Chain Structure of Cylindrical Lithium Ion Battery

Figure 84. Channels of Distribution

Figure 85. Global Cylindrical Lithium Ion Battery Sales MarketForecast by Region (2026-2031)

Figure 86. Global Cylindrical Lithium Ion Battery Revenue Market ShareForecast by Region (2026-2031)

Figure 87. Global Cylindrical Lithium Ion Battery Sales Market ShareForecast byType (2026-2031)

Figure 88. Global Cylindrical Lithium Ion Battery Revenue Market ShareForecast byType (2026-2031)

Figure 89. Global Cylindrical Lithium Ion Battery Sales Market ShareForecast by Application (2026-2031)

Figure 90. Global Cylindrical Lithium Ion Battery Revenue Market ShareForecast by Application (2026-2031)

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