

# Global Cylindrical Lithium Ion Battery Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Cylindrical Lithium Ion Battery market size was valued at USD 8718.4 million in 2023 and is forecast to a readjusted size of USD 10420 million by 2030 with a CAGR of 2.6% during review period.

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.

The Global Info Research report includes an overview of the development of the Cylindrical Lithium Ion Battery industry chain, the market status of Power Banks

(LiCoO<sub>2</sub> Battery, NMC/NCA), Laptop Battery Packs (LiCoO<sub>2</sub> Battery, NMC/NCA), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Cylindrical Lithium Ion Battery.

Regionally, the report analyzes the Cylindrical Lithium Ion Battery markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Cylindrical Lithium Ion Battery market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Cylindrical Lithium Ion Battery market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Cylindrical Lithium Ion Battery industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (GWh), revenue generated, and market share of different by Type (e.g., LiCoO<sub>2</sub> Battery, NMC/NCA).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Cylindrical Lithium Ion Battery market.

**Regional Analysis:** The report involves examining the Cylindrical Lithium Ion Battery market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Cylindrical Lithium Ion Battery market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Cylindrical Lithium Ion Battery:

**Company Analysis:** Report covers individual Cylindrical Lithium Ion Battery manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Cylindrical Lithium Ion Battery. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Power Banks, Laptop Battery Packs).

**Technology Analysis:** Report covers specific technologies relevant to Cylindrical Lithium Ion Battery. It assesses the current state, advancements, and potential future developments in Cylindrical Lithium Ion Battery areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Cylindrical Lithium Ion Battery market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Cylindrical Lithium Ion 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.

### Market segment by Type

LiCoO<sub>2</sub> Battery

NMC/NCA

LiFePO<sub>4</sub> Battery

Others

## Market segment by Application

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

## Major players covered

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

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Cylindrical Lithium Ion Battery product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cylindrical Lithium Ion Battery, with price, sales, revenue and global market share of Cylindrical Lithium Ion Battery from 2019 to 2024.

Chapter 3, the Cylindrical Lithium Ion Battery competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cylindrical Lithium Ion Battery breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Cylindrical Lithium Ion Battery market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Cylindrical Lithium Ion Battery.

Chapter 14 and 15, to describe Cylindrical Lithium Ion Battery sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Cylindrical Lithium Ion Battery

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Cylindrical Lithium Ion Battery Consumption Value by Type:  
2019 Versus 2023 Versus 2030

1.3.2 LiCoO<sub>2</sub> Battery

1.3.3 NMC/NCA

1.3.4 LiFePO<sub>4</sub> Battery

1.3.5 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Cylindrical Lithium Ion Battery Consumption Value by  
Application: 2019 Versus 2023 Versus 2030

1.4.2 Power Banks

1.4.3 Laptop Battery Packs

1.4.4 Electric Vehicles

1.4.5 Flashlights

1.4.6 Cordless Power Tools

1.4.7 Others

1.5 Global Cylindrical Lithium Ion Battery Market Size & Forecast

1.5.1 Global Cylindrical Lithium Ion Battery Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Cylindrical Lithium Ion Battery Sales Quantity (2019-2030)

1.5.3 Global Cylindrical Lithium Ion Battery Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Panasonic (Sanyo)

2.1.1 Panasonic (Sanyo) Details

2.1.2 Panasonic (Sanyo) Major Business

2.1.3 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product and Services

2.1.4 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales Quantity, Average Price,  
Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Panasonic (Sanyo) Recent Developments/Updates

2.2 Samsung SDI

2.2.1 Samsung SDI Details

2.2.2 Samsung SDI Major Business

- 2.2.3 Samsung SDI Cylindrical Lithium Ion Battery Product and Services
- 2.2.4 Samsung SDI Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Samsung SDI Recent Developments/Updates
- 2.3 LG Chem
  - 2.3.1 LG Chem Details
  - 2.3.2 LG Chem Major Business
  - 2.3.3 LG Chem Cylindrical Lithium Ion Battery Product and Services
  - 2.3.4 LG Chem Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 LG Chem Recent Developments/Updates
- 2.4 Sony
  - 2.4.1 Sony Details
  - 2.4.2 Sony Major Business
  - 2.4.3 Sony Cylindrical Lithium Ion Battery Product and Services
  - 2.4.4 Sony Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Sony Recent Developments/Updates
- 2.5 Wanxiang (A123 Systems)
  - 2.5.1 Wanxiang (A123 Systems) Details
  - 2.5.2 Wanxiang (A123 Systems) Major Business
  - 2.5.3 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product and Services
  - 2.5.4 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Wanxiang (A123 Systems) Recent Developments/Updates
- 2.6 Hitachi
  - 2.6.1 Hitachi Details
  - 2.6.2 Hitachi Major Business
  - 2.6.3 Hitachi Cylindrical Lithium Ion Battery Product and Services
  - 2.6.4 Hitachi Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Hitachi Recent Developments/Updates
- 2.7 Tianjin Lishen
  - 2.7.1 Tianjin Lishen Details
  - 2.7.2 Tianjin Lishen Major Business
  - 2.7.3 Tianjin Lishen Cylindrical Lithium Ion Battery Product and Services
  - 2.7.4 Tianjin Lishen Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Tianjin Lishen Recent Developments/Updates



## 2.8 Hefei Guoxuan

### 2.8.1 Hefei Guoxuan Details

### 2.8.2 Hefei Guoxuan Major Business

### 2.8.3 Hefei Guoxuan Cylindrical Lithium Ion Battery Product and Services

### 2.8.4 Hefei Guoxuan Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.8.5 Hefei Guoxuan Recent Developments/Updates

## 2.9 Dongguan Large Electronics

### 2.9.1 Dongguan Large Electronics Details

### 2.9.2 Dongguan Large Electronics Major Business

### 2.9.3 Dongguan Large Electronics Cylindrical Lithium Ion Battery Product and Services

### 2.9.4 Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.9.5 Dongguan Large Electronics Recent Developments/Updates

## 2.10 OptimumNano

### 2.10.1 OptimumNano Details

### 2.10.2 OptimumNano Major Business

### 2.10.3 OptimumNano Cylindrical Lithium Ion Battery Product and Services

### 2.10.4 OptimumNano Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.10.5 OptimumNano Recent Developments/Updates

## 2.11 DLG Electronics

### 2.11.1 DLG Electronics Details

### 2.11.2 DLG Electronics Major Business

### 2.11.3 DLG Electronics Cylindrical Lithium Ion Battery Product and Services

### 2.11.4 DLG Electronics Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.11.5 DLG Electronics Recent Developments/Updates

## 2.12 Zhuoneng New Energy

### 2.12.1 Zhuoneng New Energy Details

### 2.12.2 Zhuoneng New Energy Major Business

### 2.12.3 Zhuoneng New Energy Cylindrical Lithium Ion Battery Product and Services

### 2.12.4 Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.12.5 Zhuoneng New Energy Recent Developments/Updates

## 2.13 CHAM BATTERY

### 2.13.1 CHAM BATTERY Details

### 2.13.2 CHAM BATTERY Major Business

### 2.13.3 CHAM BATTERY Cylindrical Lithium Ion Battery Product and Services

2.13.4 CHAM BATTERY Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 CHAM BATTERY Recent Developments/Updates

2.14 Padre Electronic

2.14.1 Padre Electronic Details

2.14.2 Padre Electronic Major Business

2.14.3 Padre Electronic Cylindrical Lithium Ion Battery Product and Services

2.14.4 Padre Electronic Cylindrical Lithium Ion Battery Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 Padre Electronic Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: CYLINDRICAL LITHIUM ION BATTERY BY MANUFACTURER**

3.1 Global Cylindrical Lithium Ion Battery Sales Quantity by Manufacturer (2019-2024)

3.2 Global Cylindrical Lithium Ion Battery Revenue by Manufacturer (2019-2024)

3.3 Global Cylindrical Lithium Ion Battery Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Cylindrical Lithium Ion Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Cylindrical Lithium Ion Battery Manufacturer Market Share in 2023

3.4.2 Top 6 Cylindrical Lithium Ion Battery Manufacturer Market Share in 2023

3.5 Cylindrical Lithium Ion Battery Market: Overall Company Footprint Analysis

3.5.1 Cylindrical Lithium Ion Battery Market: Region Footprint

3.5.2 Cylindrical Lithium Ion Battery Market: Company Product Type Footprint

3.5.3 Cylindrical Lithium Ion Battery Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Cylindrical Lithium Ion Battery Market Size by Region

4.1.1 Global Cylindrical Lithium Ion Battery Sales Quantity by Region (2019-2030)

4.1.2 Global Cylindrical Lithium Ion Battery Consumption Value by Region (2019-2030)

4.1.3 Global Cylindrical Lithium Ion Battery Average Price by Region (2019-2030)

4.2 North America Cylindrical Lithium Ion Battery Consumption Value (2019-2030)

4.3 Europe Cylindrical Lithium Ion Battery Consumption Value (2019-2030)

4.4 Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value (2019-2030)

4.5 South America Cylindrical Lithium Ion Battery Consumption Value (2019-2030)

4.6 Middle East and Africa Cylindrical Lithium Ion Battery Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)

5.2 Global Cylindrical Lithium Ion Battery Consumption Value by Type (2019-2030)

5.3 Global Cylindrical Lithium Ion Battery Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)

6.2 Global Cylindrical Lithium Ion Battery Consumption Value by Application (2019-2030)

6.3 Global Cylindrical Lithium Ion Battery Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

7.1 North America Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)

7.2 North America Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)

7.3 North America Cylindrical Lithium Ion Battery Market Size by Country

7.3.1 North America Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2030)

7.3.2 North America Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)

8.2 Europe Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)

8.3 Europe Cylindrical Lithium Ion Battery Market Size by Country

8.3.1 Europe Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2030)

8.3.2 Europe Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Cylindrical Lithium Ion Battery Market Size by Region
  - 9.3.1 Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)
- 10.2 South America Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)
- 10.3 South America Cylindrical Lithium Ion Battery Market Size by Country
  - 10.3.1 South America Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Cylindrical Lithium Ion Battery Market Size by Country

11.3.1 Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

12.1 Cylindrical Lithium Ion Battery Market Drivers

12.2 Cylindrical Lithium Ion Battery Market Restraints

12.3 Cylindrical Lithium Ion Battery Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Cylindrical Lithium Ion Battery and Key Manufacturers

13.2 Manufacturing Costs Percentage of Cylindrical Lithium Ion Battery

13.3 Cylindrical Lithium Ion Battery Production Process

13.4 Cylindrical Lithium Ion Battery Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Cylindrical Lithium Ion Battery Typical Distributors

14.3 Cylindrical Lithium Ion Battery Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Cylindrical Lithium Ion Battery Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Cylindrical Lithium Ion Battery Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Panasonic (Sanyo) Basic Information, Manufacturing Base and Competitors

Table 4. Panasonic (Sanyo) Major Business

Table 5. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product and Services

Table 6. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Panasonic (Sanyo) Recent Developments/Updates

Table 8. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 9. Samsung SDI Major Business

Table 10. Samsung SDI Cylindrical Lithium Ion Battery Product and Services

Table 11. Samsung SDI Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Samsung SDI Recent Developments/Updates

Table 13. LG Chem Basic Information, Manufacturing Base and Competitors

Table 14. LG Chem Major Business

Table 15. LG Chem Cylindrical Lithium Ion Battery Product and Services

Table 16. LG Chem Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. LG Chem Recent Developments/Updates

Table 18. Sony Basic Information, Manufacturing Base and Competitors

Table 19. Sony Major Business

Table 20. Sony Cylindrical Lithium Ion Battery Product and Services

Table 21. Sony Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Sony Recent Developments/Updates

Table 23. Wanxiang (A123 Systems) Basic Information, Manufacturing Base and Competitors

Table 24. Wanxiang (A123 Systems) Major Business

Table 25. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product and



## Services

Table 26. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Wanxiang (A123 Systems) Recent Developments/Updates

Table 28. Hitachi Basic Information, Manufacturing Base and Competitors

Table 29. Hitachi Major Business

Table 30. Hitachi Cylindrical Lithium Ion Battery Product and Services

Table 31. Hitachi Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Hitachi Recent Developments/Updates

Table 33. Tianjin Lishen Basic Information, Manufacturing Base and Competitors

Table 34. Tianjin Lishen Major Business

Table 35. Tianjin Lishen Cylindrical Lithium Ion Battery Product and Services

Table 36. Tianjin Lishen Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Tianjin Lishen Recent Developments/Updates

Table 38. Hefei Guoxuan Basic Information, Manufacturing Base and Competitors

Table 39. Hefei Guoxuan Major Business

Table 40. Hefei Guoxuan Cylindrical Lithium Ion Battery Product and Services

Table 41. Hefei Guoxuan Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Hefei Guoxuan Recent Developments/Updates

Table 43. Dongguan Large Electronics Basic Information, Manufacturing Base and Competitors

Table 44. Dongguan Large Electronics Major Business

Table 45. Dongguan Large Electronics Cylindrical Lithium Ion Battery Product and Services

Table 46. Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Dongguan Large Electronics Recent Developments/Updates

Table 48. OptimumNano Basic Information, Manufacturing Base and Competitors

Table 49. OptimumNano Major Business

Table 50. OptimumNano Cylindrical Lithium Ion Battery Product and Services

Table 51. OptimumNano Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share



(2019-2024)

Table 52. OptimumNano Recent Developments/Updates

Table 53. DLG Electronics Basic Information, Manufacturing Base and Competitors

Table 54. DLG Electronics Major Business

Table 55. DLG Electronics Cylindrical Lithium Ion Battery Product and Services

Table 56. DLG Electronics Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. DLG Electronics Recent Developments/Updates

Table 58. Zhuoneng New Energy Basic Information, Manufacturing Base and Competitors

Table 59. Zhuoneng New Energy Major Business

Table 60. Zhuoneng New Energy Cylindrical Lithium Ion Battery Product and Services

Table 61. Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Zhuoneng New Energy Recent Developments/Updates

Table 63. CHAM BATTERY Basic Information, Manufacturing Base and Competitors

Table 64. CHAM BATTERY Major Business

Table 65. CHAM BATTERY Cylindrical Lithium Ion Battery Product and Services

Table 66. CHAM BATTERY Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. CHAM BATTERY Recent Developments/Updates

Table 68. Padre Electronic Basic Information, Manufacturing Base and Competitors

Table 69. Padre Electronic Major Business

Table 70. Padre Electronic Cylindrical Lithium Ion Battery Product and Services

Table 71. Padre Electronic Cylindrical Lithium Ion Battery Sales Quantity (GWh), Average Price (USD/KWh), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Padre Electronic Recent Developments/Updates

Table 73. Global Cylindrical Lithium Ion Battery Sales Quantity by Manufacturer (2019-2024) & (GWh)

Table 74. Global Cylindrical Lithium Ion Battery Revenue by Manufacturer (2019-2024) & (USD Million)

Table 75. Global Cylindrical Lithium Ion Battery Average Price by Manufacturer (2019-2024) & (USD/KWh)

Table 76. Market Position of Manufacturers in Cylindrical Lithium Ion Battery, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 77. Head Office and Cylindrical Lithium Ion Battery Production Site of Key Manufacturer

Table 78. Cylindrical Lithium Ion Battery Market: Company Product Type Footprint

Table 79. Cylindrical Lithium Ion Battery Market: Company Product Application Footprint

Table 80. Cylindrical Lithium Ion Battery New Market Entrants and Barriers to Market Entry

Table 81. Cylindrical Lithium Ion Battery Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Cylindrical Lithium Ion Battery Sales Quantity by Region (2019-2024) & (GWh)

Table 83. Global Cylindrical Lithium Ion Battery Sales Quantity by Region (2025-2030) & (GWh)

Table 84. Global Cylindrical Lithium Ion Battery Consumption Value by Region (2019-2024) & (USD Million)

Table 85. Global Cylindrical Lithium Ion Battery Consumption Value by Region (2025-2030) & (USD Million)

Table 86. Global Cylindrical Lithium Ion Battery Average Price by Region (2019-2024) & (USD/KWh)

Table 87. Global Cylindrical Lithium Ion Battery Average Price by Region (2025-2030) & (USD/KWh)

Table 88. Global Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 89. Global Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 90. Global Cylindrical Lithium Ion Battery Consumption Value by Type (2019-2024) & (USD Million)

Table 91. Global Cylindrical Lithium Ion Battery Consumption Value by Type (2025-2030) & (USD Million)

Table 92. Global Cylindrical Lithium Ion Battery Average Price by Type (2019-2024) & (USD/KWh)

Table 93. Global Cylindrical Lithium Ion Battery Average Price by Type (2025-2030) & (USD/KWh)

Table 94. Global Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 95. Global Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 96. Global Cylindrical Lithium Ion Battery Consumption Value by Application (2019-2024) & (USD Million)

Table 97. Global Cylindrical Lithium Ion Battery Consumption Value by Application

(2025-2030) & (USD Million)

Table 98. Global Cylindrical Lithium Ion Battery Average Price by Application (2019-2024) & (USD/KWh)

Table 99. Global Cylindrical Lithium Ion Battery Average Price by Application (2025-2030) & (USD/KWh)

Table 100. North America Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 101. North America Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 102. North America Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 103. North America Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 104. North America Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2024) & (GWh)

Table 105. North America Cylindrical Lithium Ion Battery Sales Quantity by Country (2025-2030) & (GWh)

Table 106. North America Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2024) & (USD Million)

Table 107. North America Cylindrical Lithium Ion Battery Consumption Value by Country (2025-2030) & (USD Million)

Table 108. Europe Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 109. Europe Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 110. Europe Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 111. Europe Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 112. Europe Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2024) & (GWh)

Table 113. Europe Cylindrical Lithium Ion Battery Sales Quantity by Country (2025-2030) & (GWh)

Table 114. Europe Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2024) & (USD Million)

Table 115. Europe Cylindrical Lithium Ion Battery Consumption Value by Country (2025-2030) & (USD Million)

Table 116. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 117. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 118. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 119. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 120. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Region (2019-2024) & (GWh)

Table 121. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity by Region (2025-2030) & (GWh)

Table 122. Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value by Region (2019-2024) & (USD Million)

Table 123. Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value by Region (2025-2030) & (USD Million)

Table 124. South America Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 125. South America Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 126. South America Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 127. South America Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 128. South America Cylindrical Lithium Ion Battery Sales Quantity by Country (2019-2024) & (GWh)

Table 129. South America Cylindrical Lithium Ion Battery Sales Quantity by Country (2025-2030) & (GWh)

Table 130. South America Cylindrical Lithium Ion Battery Consumption Value by Country (2019-2024) & (USD Million)

Table 131. South America Cylindrical Lithium Ion Battery Consumption Value by Country (2025-2030) & (USD Million)

Table 132. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Type (2019-2024) & (GWh)

Table 133. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Type (2025-2030) & (GWh)

Table 134. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Application (2019-2024) & (GWh)

Table 135. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by Application (2025-2030) & (GWh)

Table 136. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by

Region (2019-2024) & (GWh)

Table 137. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity by

Region (2025-2030) & (GWh)

Table 138. Middle East & Africa Cylindrical Lithium Ion Battery Consumption Value by

Region (2019-2024) & (USD Million)

Table 139. Middle East & Africa Cylindrical Lithium Ion Battery Consumption Value by

Region (2025-2030) & (USD Million)

Table 140. Cylindrical Lithium Ion Battery Raw Material

Table 141. Key Manufacturers of Cylindrical Lithium Ion Battery Raw Materials

Table 142. Cylindrical Lithium Ion Battery Typical Distributors

Table 143. Cylindrical Lithium Ion Battery Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Cylindrical Lithium Ion Battery Picture

Figure 2. Global Cylindrical Lithium Ion Battery Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Type in 2023

Figure 4. LiCoO<sub>2</sub> Battery Examples

Figure 5. NMC/NCA Examples

Figure 6. LiFePO<sub>4</sub> Battery Examples

Figure 7. Others Examples

Figure 8. Global Cylindrical Lithium Ion Battery Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Application in 2023

Figure 10. Power Banks Examples

Figure 11. Laptop Battery Packs Examples

Figure 12. Electric Vehicles Examples

Figure 13. Flashlights Examples

Figure 14. Cordless Power Tools Examples

Figure 15. Others Examples

Figure 16. Global Cylindrical Lithium Ion Battery Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 17. Global Cylindrical Lithium Ion Battery Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 18. Global Cylindrical Lithium Ion Battery Sales Quantity (2019-2030) & (GWh)

Figure 19. Global Cylindrical Lithium Ion Battery Average Price (2019-2030) & (USD/KWh)

Figure 20. Global Cylindrical Lithium Ion Battery Sales Quantity Market Share by Manufacturer in 2023

Figure 21. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Manufacturer in 2023

Figure 22. Producer Shipments of Cylindrical Lithium Ion Battery by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 23. Top 3 Cylindrical Lithium Ion Battery Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Top 6 Cylindrical Lithium Ion Battery Manufacturer (Consumption Value)



## Market Share in 2023

Figure 25. Global Cylindrical Lithium Ion Battery Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Region (2019-2030)

Figure 27. North America Cylindrical Lithium Ion Battery Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe Cylindrical Lithium Ion Battery Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value (2019-2030) & (USD Million)

Figure 30. South America Cylindrical Lithium Ion Battery Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa Cylindrical Lithium Ion Battery Consumption Value (2019-2030) & (USD Million)

Figure 32. Global Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Type (2019-2030)

Figure 34. Global Cylindrical Lithium Ion Battery Average Price by Type (2019-2030) & (USD/KWh)

Figure 35. Global Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global Cylindrical Lithium Ion Battery Consumption Value Market Share by Application (2019-2030)

Figure 37. Global Cylindrical Lithium Ion Battery Average Price by Application (2019-2030) & (USD/KWh)

Figure 38. North America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America Cylindrical Lithium Ion Battery Consumption Value Market Share by Country (2019-2030)

Figure 42. United States Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

- Figure 44. Mexico Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 45. Europe Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)
- Figure 46. Europe Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)
- Figure 47. Europe Cylindrical Lithium Ion Battery Sales Quantity Market Share by Country (2019-2030)
- Figure 48. Europe Cylindrical Lithium Ion Battery Consumption Value Market Share by Country (2019-2030)
- Figure 49. Germany Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 50. France Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 51. United Kingdom Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 52. Russia Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 53. Italy Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 54. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)
- Figure 55. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)
- Figure 56. Asia-Pacific Cylindrical Lithium Ion Battery Sales Quantity Market Share by Region (2019-2030)
- Figure 57. Asia-Pacific Cylindrical Lithium Ion Battery Consumption Value Market Share by Region (2019-2030)
- Figure 58. China Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 59. Japan Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 60. Korea Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 61. India Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 62. Southeast Asia Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 63. Australia Cylindrical Lithium Ion Battery Consumption Value and Growth



Rate (2019-2030) & (USD Million)

Figure 64. South America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)

Figure 65. South America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)

Figure 66. South America Cylindrical Lithium Ion Battery Sales Quantity Market Share by Country (2019-2030)

Figure 67. South America Cylindrical Lithium Ion Battery Consumption Value Market Share by Country (2019-2030)

Figure 68. Brazil Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Argentina Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity Market Share by Type (2019-2030)

Figure 71. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity Market Share by Application (2019-2030)

Figure 72. Middle East & Africa Cylindrical Lithium Ion Battery Sales Quantity Market Share by Region (2019-2030)

Figure 73. Middle East & Africa Cylindrical Lithium Ion Battery Consumption Value Market Share by Region (2019-2030)

Figure 74. Turkey Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Egypt Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Saudi Arabia Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. South Africa Cylindrical Lithium Ion Battery Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Cylindrical Lithium Ion Battery Market Drivers

Figure 79. Cylindrical Lithium Ion Battery Market Restraints

Figure 80. Cylindrical Lithium Ion Battery Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Cylindrical Lithium Ion Battery in 2023

Figure 83. Manufacturing Process Analysis of Cylindrical Lithium Ion Battery

Figure 84. Cylindrical Lithium Ion Battery Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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