

Global Cylindrical Lithium Ion Battery Market Analysis and Forecast 2024-2030

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Abstracts

Summary

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.

According to APO Research, The global Cylindrical Lithium Ion Battery market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Cylindrical Lithium Ion Battery is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Cylindrical Lithium Ion Battery is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Cylindrical Lithium Ion Battery is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Cylindrical Lithium Ion Battery is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Cylindrical Lithium Ion Battery include Panasonic (Sanyo), Samsung SDI, LG Chem, Sony, Wanxiang (A123 Systems), Hitachi, Tianjin Lishen, Hefei Guoxuan and Dongguan Large Electronics, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Cylindrical Lithium Ion Battery production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Cylindrical Lithium Ion Battery by region (region level and country level), by Company, by Type and by Application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Cylindrical Lithium Ion Battery, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Cylindrical Lithium Ion Battery, also provides the consumption of main regions and countries. Of the upcoming market potential for Cylindrical Lithium Ion Battery, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Cylindrical Lithium Ion Battery sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Cylindrical Lithium Ion Battery market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the

competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Cylindrical Lithium Ion Battery sales, projected growth trends, production technology, application and end-user industry.

Cylindrical Lithium Ion Battery segment by Company

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

Cylindrical Lithium Ion Battery segment by Type

LiCoO₂ Battery

NMC/NCA

LiFePO₄ Battery

Others

Cylindrical Lithium Ion Battery segment by Application

Power Banks

Laptop Battery Packs

Electric Vehicles

Flashlights

Cordless Power Tools

Others

Cylindrical Lithium Ion Battery segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Cylindrical Lithium Ion Battery market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Cylindrical Lithium Ion Battery and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape

section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Cylindrical Lithium Ion Battery.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by type and by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Cylindrical Lithium Ion Battery production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production, and development potential of each producer in the next six years.

Chapter 4: Sales (consumption), revenue of Cylindrical Lithium Ion Battery in global, regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space of each country in the world.

Chapter 5: Detailed analysis of Cylindrical Lithium Ion Battery manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 6: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7: Provides the analysis of various market segments by application, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Cylindrical Lithium Ion Battery sales, revenue, price, gross margin, and recent development, etc.

Chapter 9: North America (US & Canada) by type, by application and by country, sales, and revenue for each segment.

Chapter 10: Europe by type, by application and by country, sales, and revenue for each segment.

Chapter 11: China by type, by application, sales, and revenue for each segment.

Chapter 12: Asia (Excluding China) by type, by application and by region, sales, and revenue for each segment.

Chapter 13: Middle East, Africa, Latin America by type, by application and by country, sales, and revenue for each segment.

Chapter 14: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 15: The main concluding insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Cylindrical Lithium Ion Battery Market by Type
 - 1.2.1 Global Cylindrical Lithium Ion Battery Market Size by Type, 2019 VS 2023 VS 2030
 - 1.2.2 LiCoO₂ Battery
 - 1.2.3 NMC/NCA
 - 1.2.4 LiFePO₄ Battery
 - 1.2.5 Others
- 1.3 Cylindrical Lithium Ion Battery Market by Application
 - 1.3.1 Global Cylindrical Lithium Ion Battery Market Size by Application, 2019 VS 2023 VS 2030
 - 1.3.2 Power Banks
 - 1.3.3 Laptop Battery Packs
 - 1.3.4 Electric Vehicles
 - 1.3.5 Flashlights
 - 1.3.6 Cordless Power Tools
 - 1.3.7 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Goals and Objectives

2 CYLINDRICAL LITHIUM ION BATTERY MARKET DYNAMICS

- 2.1 Cylindrical Lithium Ion Battery Industry Trends
- 2.2 Cylindrical Lithium Ion Battery Industry Drivers
- 2.3 Cylindrical Lithium Ion Battery Industry Opportunities and Challenges
- 2.4 Cylindrical Lithium Ion Battery Industry Restraints

3 GLOBAL CYLINDRICAL LITHIUM ION BATTERY PRODUCTION OVERVIEW

- 3.1 Global Cylindrical Lithium Ion Battery Production Capacity (2019-2030)
- 3.2 Global Cylindrical Lithium Ion Battery Production by Region: 2019 VS 2023 VS 2030
- 3.3 Global Cylindrical Lithium Ion Battery Production by Region
 - 3.3.1 Global Cylindrical Lithium Ion Battery Production by Region (2019-2024)
 - 3.3.2 Global Cylindrical Lithium Ion Battery Production by Region (2025-2030)
 - 3.3.3 Global Cylindrical Lithium Ion Battery Production Market Share by Region

- (2019-2030)
- 3.4 North America
- 3.5 Europe
- 3.6 Southeast Asia
- 3.7 Japan
- 3.8 China
- 3.9 South Korea

4 GLOBAL MARKET GROWTH PROSPECTS

- 4.1 Global Cylindrical Lithium Ion Battery Revenue Estimates and Forecasts (2019-2030)
- 4.2 Global Cylindrical Lithium Ion Battery Revenue by Region
 - 4.2.1 Global Cylindrical Lithium Ion Battery Revenue by Region: 2019 VS 2023 VS 2030
 - 4.2.2 Global Cylindrical Lithium Ion Battery Revenue by Region (2019-2024)
 - 4.2.3 Global Cylindrical Lithium Ion Battery Revenue by Region (2025-2030)
 - 4.2.4 Global Cylindrical Lithium Ion Battery Revenue Market Share by Region (2019-2030)
- 4.3 Global Cylindrical Lithium Ion Battery Sales Estimates and Forecasts 2019-2030
- 4.4 Global Cylindrical Lithium Ion Battery Sales by Region
 - 4.4.1 Global Cylindrical Lithium Ion Battery Sales by Region: 2019 VS 2023 VS 2030
 - 4.4.2 Global Cylindrical Lithium Ion Battery Sales by Region (2019-2024)
 - 4.4.3 Global Cylindrical Lithium Ion Battery Sales by Region (2025-2030)
 - 4.4.4 Global Cylindrical Lithium Ion Battery Sales Market Share by Region (2019-2030)
- 4.5 US & Canada
- 4.6 Europe
- 4.7 China
- 4.8 Asia (Excluding China)
- 4.9 Middle East, Africa and Latin America

5 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 5.1 Global Cylindrical Lithium Ion Battery Revenue by Manufacturers
 - 5.1.1 Global Cylindrical Lithium Ion Battery Revenue by Manufacturers (2019-2024)
 - 5.1.2 Global Cylindrical Lithium Ion Battery Revenue Market Share by Manufacturers (2019-2024)
 - 5.1.3 Global Cylindrical Lithium Ion Battery Manufacturers Revenue Share Top 10 and

Top 5 in 2023

5.2 Global Cylindrical Lithium Ion Battery Sales by Manufacturers

5.2.1 Global Cylindrical Lithium Ion Battery Sales by Manufacturers (2019-2024)

5.2.2 Global Cylindrical Lithium Ion Battery Sales Market Share by Manufacturers (2019-2024)

5.2.3 Global Cylindrical Lithium Ion Battery Manufacturers Sales Share Top 10 and Top 5 in 2023

5.3 Global Cylindrical Lithium Ion Battery Sales Price by Manufacturers (2019-2024)

5.4 Global Cylindrical Lithium Ion Battery Key Manufacturers Ranking, 2022 VS 2023 VS 2024

5.5 Global Cylindrical Lithium Ion Battery Key Manufacturers Manufacturing Sites & Headquarters

5.6 Global Cylindrical Lithium Ion Battery Manufacturers, Product Type & Application

5.7 Global Cylindrical Lithium Ion Battery Manufacturers Commercialization Time

5.8 Market Competitive Analysis

5.8.1 Global Cylindrical Lithium Ion Battery Market CR5 and HHI

5.8.2 2023 Cylindrical Lithium Ion Battery Tier 1, Tier 2, and Tier

6 CYLINDRICAL LITHIUM ION BATTERY MARKET BY TYPE

6.1 Global Cylindrical Lithium Ion Battery Revenue by Type

6.1.1 Global Cylindrical Lithium Ion Battery Revenue by Type (2019 VS 2023 VS 2030)

6.1.2 Global Cylindrical Lithium Ion Battery Revenue by Type (2019-2030) & (US\$ Million)

6.1.3 Global Cylindrical Lithium Ion Battery Revenue Market Share by Type (2019-2030)

6.2 Global Cylindrical Lithium Ion Battery Sales by Type

6.2.1 Global Cylindrical Lithium Ion Battery Sales by Type (2019 VS 2023 VS 2030)

6.2.2 Global Cylindrical Lithium Ion Battery Sales by Type (2019-2030) & (M Units)

6.2.3 Global Cylindrical Lithium Ion Battery Sales Market Share by Type (2019-2030)

6.3 Global Cylindrical Lithium Ion Battery Price by Type

7 CYLINDRICAL LITHIUM ION BATTERY MARKET BY APPLICATION

7.1 Global Cylindrical Lithium Ion Battery Revenue by Application

7.1.1 Global Cylindrical Lithium Ion Battery Revenue by Application (2019 VS 2023 VS 2030)

7.1.2 Global Cylindrical Lithium Ion Battery Revenue by Application (2019-2030) & (US\$ Million)

7.1.3 Global Cylindrical Lithium Ion Battery Revenue Market Share by Application (2019-2030)

7.2 Global Cylindrical Lithium Ion Battery Sales by Application

7.2.1 Global Cylindrical Lithium Ion Battery Sales by Application (2019 VS 2023 VS 2030)

7.2.2 Global Cylindrical Lithium Ion Battery Sales by Application (2019-2030) & (M Units)

7.2.3 Global Cylindrical Lithium Ion Battery Sales Market Share by Application (2019-2030)

7.3 Global Cylindrical Lithium Ion Battery Price by Application

8 COMPANY PROFILES

8.1 Panasonic (Sanyo)

8.1.1 Panasonic (Sanyo) Company Information

8.1.2 Panasonic (Sanyo) Business Overview

8.1.3 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)

8.1.4 Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product Portfolio

8.1.5 Panasonic (Sanyo) Recent Developments

8.2 Samsung SDI

8.2.1 Samsung SDI Company Information

8.2.2 Samsung SDI Business Overview

8.2.3 Samsung SDI Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)

8.2.4 Samsung SDI Cylindrical Lithium Ion Battery Product Portfolio

8.2.5 Samsung SDI Recent Developments

8.3 LG Chem

8.3.1 LG Chem Company Information

8.3.2 LG Chem Business Overview

8.3.3 LG Chem Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)

8.3.4 LG Chem Cylindrical Lithium Ion Battery Product Portfolio

8.3.5 LG Chem Recent Developments

8.4 Sony

8.4.1 Sony Company Information

8.4.2 Sony Business Overview

8.4.3 Sony Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)

- 8.4.4 Sony Cylindrical Lithium Ion Battery Product Portfolio
- 8.4.5 Sony Recent Developments
- 8.5 Wanxiang (A123 Systems)
 - 8.5.1 Wanxiang (A123 Systems) Company Information
 - 8.5.2 Wanxiang (A123 Systems) Business Overview
 - 8.5.3 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.5.4 Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product Portfolio
 - 8.5.5 Wanxiang (A123 Systems) Recent Developments
- 8.6 Hitachi
 - 8.6.1 Hitachi Company Information
 - 8.6.2 Hitachi Business Overview
 - 8.6.3 Hitachi Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.6.4 Hitachi Cylindrical Lithium Ion Battery Product Portfolio
 - 8.6.5 Hitachi Recent Developments
- 8.7 Tianjin Lishen
 - 8.7.1 Tianjin Lishen Company Information
 - 8.7.2 Tianjin Lishen Business Overview
 - 8.7.3 Tianjin Lishen Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.7.4 Tianjin Lishen Cylindrical Lithium Ion Battery Product Portfolio
 - 8.7.5 Tianjin Lishen Recent Developments
- 8.8 Hefei Guoxuan
 - 8.8.1 Hefei Guoxuan Company Information
 - 8.8.2 Hefei Guoxuan Business Overview
 - 8.8.3 Hefei Guoxuan Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.8.4 Hefei Guoxuan Cylindrical Lithium Ion Battery Product Portfolio
 - 8.8.5 Hefei Guoxuan Recent Developments
- 8.9 Dongguan Large Electronics
 - 8.9.1 Dongguan Large Electronics Company Information
 - 8.9.2 Dongguan Large Electronics Business Overview
 - 8.9.3 Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.9.4 Dongguan Large Electronics Cylindrical Lithium Ion Battery Product Portfolio
 - 8.9.5 Dongguan Large Electronics Recent Developments
- 8.10 OptimumNano
 - 8.10.1 OptimumNano Company Information

- 8.10.2 OptimumNano Business Overview
- 8.10.3 OptimumNano Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
- 8.10.4 OptimumNano Cylindrical Lithium Ion Battery Product Portfolio
- 8.10.5 OptimumNano Recent Developments
- 8.11 DLG Electronics
 - 8.11.1 DLG Electronics Company Information
 - 8.11.2 DLG Electronics Business Overview
 - 8.11.3 DLG Electronics Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.11.4 DLG Electronics Cylindrical Lithium Ion Battery Product Portfolio
 - 8.11.5 DLG Electronics Recent Developments
- 8.12 Zhuoneng New Energy
 - 8.12.1 Zhuoneng New Energy Company Information
 - 8.12.2 Zhuoneng New Energy Business Overview
 - 8.12.3 Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.12.4 Zhuoneng New Energy Cylindrical Lithium Ion Battery Product Portfolio
 - 8.12.5 Zhuoneng New Energy Recent Developments
- 8.13 CHAM BATTERY
 - 8.13.1 CHAM BATTERY Company Information
 - 8.13.2 CHAM BATTERY Business Overview
 - 8.13.3 CHAM BATTERY Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.13.4 CHAM BATTERY Cylindrical Lithium Ion Battery Product Portfolio
 - 8.13.5 CHAM BATTERY Recent Developments
- 8.14 Padre Electronic
 - 8.14.1 Padre Electronic Company Information
 - 8.14.2 Padre Electronic Business Overview
 - 8.14.3 Padre Electronic Cylindrical Lithium Ion Battery Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.14.4 Padre Electronic Cylindrical Lithium Ion Battery Product Portfolio
 - 8.14.5 Padre Electronic Recent Developments

9 NORTH AMERICA

- 9.1 North America Cylindrical Lithium Ion Battery Market Size by Type
 - 9.1.1 North America Cylindrical Lithium Ion Battery Revenue by Type (2019-2030)
 - 9.1.2 North America Cylindrical Lithium Ion Battery Sales by Type (2019-2030)

- 9.1.3 North America Cylindrical Lithium Ion Battery Price by Type (2019-2030)
- 9.2 North America Cylindrical Lithium Ion Battery Market Size by Application
 - 9.2.1 North America Cylindrical Lithium Ion Battery Revenue by Application (2019-2030)
 - 9.2.2 North America Cylindrical Lithium Ion Battery Sales by Application (2019-2030)
 - 9.2.3 North America Cylindrical Lithium Ion Battery Price by Application (2019-2030)
- 9.3 North America Cylindrical Lithium Ion Battery Market Size by Country
 - 9.3.1 North America Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 9.3.2 North America Cylindrical Lithium Ion Battery Sales by Country (2019 VS 2023 VS 2030)
 - 9.3.3 North America Cylindrical Lithium Ion Battery Price by Country (2019-2030)
 - 9.3.4 U.S.
 - 9.3.5 Canada

10 EUROPE

- 10.1 Europe Cylindrical Lithium Ion Battery Market Size by Type
 - 10.1.1 Europe Cylindrical Lithium Ion Battery Revenue by Type (2019-2030)
 - 10.1.2 Europe Cylindrical Lithium Ion Battery Sales by Type (2019-2030)
 - 10.1.3 Europe Cylindrical Lithium Ion Battery Price by Type (2019-2030)
- 10.2 Europe Cylindrical Lithium Ion Battery Market Size by Application
 - 10.2.1 Europe Cylindrical Lithium Ion Battery Revenue by Application (2019-2030)
 - 10.2.2 Europe Cylindrical Lithium Ion Battery Sales by Application (2019-2030)
 - 10.2.3 Europe Cylindrical Lithium Ion Battery Price by Application (2019-2030)
- 10.3 Europe Cylindrical Lithium Ion Battery Market Size by Country
 - 10.3.1 Europe Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 10.3.2 Europe Cylindrical Lithium Ion Battery Sales by Country (2019 VS 2023 VS 2030)
 - 10.3.3 Europe Cylindrical Lithium Ion Battery Price by Country (2019-2030)
 - 10.3.4 Germany
 - 10.3.5 France
 - 10.3.6 U.K.
 - 10.3.7 Italy
 - 10.3.8 Russia

11 CHINA

- 11.1 China Cylindrical Lithium Ion Battery Market Size by Type
 - 11.1.1 China Cylindrical Lithium Ion Battery Revenue by Type (2019-2030)
 - 11.1.2 China Cylindrical Lithium Ion Battery Sales by Type (2019-2030)
 - 11.1.3 China Cylindrical Lithium Ion Battery Price by Type (2019-2030)
- 11.2 China Cylindrical Lithium Ion Battery Market Size by Application
 - 11.2.1 China Cylindrical Lithium Ion Battery Revenue by Application (2019-2030)
 - 11.2.2 China Cylindrical Lithium Ion Battery Sales by Application (2019-2030)
 - 11.2.3 China Cylindrical Lithium Ion Battery Price by Application (2019-2030)

12 ASIA (EXCLUDING CHINA)

- 12.1 Asia Cylindrical Lithium Ion Battery Market Size by Type
 - 12.1.1 Asia Cylindrical Lithium Ion Battery Revenue by Type (2019-2030)
 - 12.1.2 Asia Cylindrical Lithium Ion Battery Sales by Type (2019-2030)
 - 12.1.3 Asia Cylindrical Lithium Ion Battery Price by Type (2019-2030)
- 12.2 Asia Cylindrical Lithium Ion Battery Market Size by Application
 - 12.2.1 Asia Cylindrical Lithium Ion Battery Revenue by Application (2019-2030)
 - 12.2.2 Asia Cylindrical Lithium Ion Battery Sales by Application (2019-2030)
 - 12.2.3 Asia Cylindrical Lithium Ion Battery Price by Application (2019-2030)
- 12.3 Asia Cylindrical Lithium Ion Battery Market Size by Country
 - 12.3.1 Asia Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 12.3.2 Asia Cylindrical Lithium Ion Battery Sales by Country (2019 VS 2023 VS 2030)
 - 12.3.3 Asia Cylindrical Lithium Ion Battery Price by Country (2019-2030)
 - 12.3.4 Japan
 - 12.3.5 South Korea
 - 12.3.6 India
 - 12.3.7 Australia
 - 12.3.8 China Taiwan
 - 12.3.9 Southeast Asia

13 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 13.1 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Market Size by Type
 - 13.1.1 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Revenue by Type (2019-2030)
 - 13.1.2 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Sales by Type (2019-2030)

13.1.3 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Price by Type (2019-2030)

13.2 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Market Size by Application

13.2.1 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Revenue by Application (2019-2030)

13.2.2 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Sales by Application (2019-2030)

13.2.3 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Price by Application (2019-2030)

13.3 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Market Size by Country

13.3.1 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

13.3.2 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Sales by Country (2019 VS 2023 VS 2030)

13.3.3 Middle East, Africa and Latin America Cylindrical Lithium Ion Battery Price by Country (2019-2030)

13.3.4 Mexico

13.3.5 Brazil

13.3.6 Israel

13.3.7 Argentina

13.3.8 Colombia

13.3.9 Turkey

13.3.10 Saudi Arabia

13.3.11 UAE

14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

14.1 Cylindrical Lithium Ion Battery Value Chain Analysis

14.1.1 Cylindrical Lithium Ion Battery Key Raw Materials

14.1.2 Raw Materials Key Suppliers

14.1.3 Manufacturing Cost Structure

14.1.4 Cylindrical Lithium Ion Battery Production Mode & Process

14.2 Cylindrical Lithium Ion Battery Sales Channels Analysis

14.2.1 Direct Comparison with Distribution Share

14.2.2 Cylindrical Lithium Ion Battery Distributors

14.2.3 Cylindrical Lithium Ion Battery Customers

15 CONCLUDING INSIGHTS

16 APPENDIX

16.1 Reasons for Doing This Study

16.2 Research Methodology

16.3 Research Process

16.4 Authors List of This Report

16.5 Data Source

16.5.1 Secondary Sources

16.5.2 Primary Sources

16.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Cylindrical Lithium Ion Battery Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030
- Table 2. Global Cylindrical Lithium Ion Battery Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030
- Table 3. LiCoO₂ Battery Major Manufacturers
- Table 4. NMC/NCA Major Manufacturers
- Table 5. LiFePO₄ Battery Major Manufacturers
- Table 6. Others Major Manufacturers
- Table 7. Global Cylindrical Lithium Ion Battery Market Size Growth Rate by Application (US\$ Million), 2019 VS 2023 VS 2030
- Table 8. Power Banks Major Manufacturers
- Table 9. Laptop Battery Packs Major Manufacturers
- Table 10. Electric Vehicles Major Manufacturers
- Table 11. Flashlights Major Manufacturers
- Table 12. Cordless Power Tools Major Manufacturers
- Table 13. Others Major Manufacturers
- Table 14. Cylindrical Lithium Ion Battery Industry Trends
- Table 15. Cylindrical Lithium Ion Battery Industry Drivers
- Table 16. Cylindrical Lithium Ion Battery Industry Opportunities and Challenges
- Table 17. Cylindrical Lithium Ion Battery Industry Restraints
- Table 18. Global Cylindrical Lithium Ion Battery Production Growth Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (M Units)
- Table 19. Global Cylindrical Lithium Ion Battery Production by Region (2019-2024) & (M Units)
- Table 20. Global Cylindrical Lithium Ion Battery Production by Region (2025-2030) & (M Units)
- Table 21. Global Cylindrical Lithium Ion Battery Production Market Share by Region (2019-2024)
- Table 22. Global Cylindrical Lithium Ion Battery Production Market Share by Region (2025-2030)
- Table 23. Global Cylindrical Lithium Ion Battery Revenue Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (US\$ Million)
- Table 24. Global Cylindrical Lithium Ion Battery Revenue by Region (2019-2024) & (US\$ Million)
- Table 25. Global Cylindrical Lithium Ion Battery Revenue by Region (2025-2030) &

(US\$ Million)

Table 26. Global Cylindrical Lithium Ion Battery Revenue Market Share by Region (2019-2024)

Table 27. Global Cylindrical Lithium Ion Battery Revenue Market Share by Region (2025-2030)

Table 28. Global Cylindrical Lithium Ion Battery Sales Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (M Units)

Table 29. Global Cylindrical Lithium Ion Battery Sales by Region (2019-2024) & (M Units)

Table 30. Global Cylindrical Lithium Ion Battery Sales by Region (2025-2030) & (M Units)

Table 31. Global Cylindrical Lithium Ion Battery Sales Market Share by Region (2019-2024)

Table 32. Global Cylindrical Lithium Ion Battery Sales Market Share by Region (2025-2030)

Table 33. Global Cylindrical Lithium Ion Battery Revenue by Manufacturers (US\$ Million) & (2019-2024)

Table 34. Global Cylindrical Lithium Ion Battery Revenue Market Share by Manufacturers (2019-2024)

Table 35. Global Cylindrical Lithium Ion Battery Sales by Manufacturers (US\$ Million) & (2019-2024)

Table 36. Global Cylindrical Lithium Ion Battery Sales Market Share by Manufacturers (2019-2024)

Table 37. Global Cylindrical Lithium Ion Battery Sales Price (USD/Unit) of Manufacturers (2019-2024)

Table 38. Global Cylindrical Lithium Ion Battery Key Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 39. Global Cylindrical Lithium Ion Battery Key Manufacturers Manufacturing Sites & Headquarters

Table 40. Global Cylindrical Lithium Ion Battery Manufacturers, Product Type & Application

Table 41. Global Cylindrical Lithium Ion Battery Manufacturers Commercialization Time

Table 42. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 43. Global Cylindrical Lithium Ion Battery by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 44. Global Cylindrical Lithium Ion Battery Revenue by Type 2019 VS 2023 VS 2030 (US\$ Million)

Table 45. Global Cylindrical Lithium Ion Battery Revenue by Type (2019-2024) & (US\$ Million)

Table 46. Global Cylindrical Lithium Ion Battery Revenue by Type (2025-2030) & (US\$ Million)

Table 47. Global Cylindrical Lithium Ion Battery Revenue Market Share by Type (2019-2024)

Table 48. Global Cylindrical Lithium Ion Battery Revenue Market Share by Type (2025-2030)

Table 49. Global Cylindrical Lithium Ion Battery Sales by Type 2019 VS 2023 VS 2030 (M Units)

Table 50. Global Cylindrical Lithium Ion Battery Sales by Type (2019-2024) & (M Units)

Table 51. Global Cylindrical Lithium Ion Battery Sales by Type (2025-2030) & (M Units)

Table 52. Global Cylindrical Lithium Ion Battery Sales Market Share by Type (2019-2024)

Table 53. Global Cylindrical Lithium Ion Battery Sales Market Share by Type (2025-2030)

Table 54. Global Cylindrical Lithium Ion Battery Price by Type (2019-2024) & (USD/Unit)

Table 55. Global Cylindrical Lithium Ion Battery Price by Type (2025-2030) & (USD/Unit)

Table 56. Global Cylindrical Lithium Ion Battery Revenue by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 57. Global Cylindrical Lithium Ion Battery Revenue by Application (2019-2024) & (US\$ Million)

Table 58. Global Cylindrical Lithium Ion Battery Revenue by Application (2025-2030) & (US\$ Million)

Table 59. Global Cylindrical Lithium Ion Battery Revenue Market Share by Application (2019-2024)

Table 60. Global Cylindrical Lithium Ion Battery Revenue Market Share by Application (2025-2030)

Table 61. Global Cylindrical Lithium Ion Battery Sales by Application 2019 VS 2023 VS 2030 (M Units)

Table 62. Global Cylindrical Lithium Ion Battery Sales by Application (2019-2024) & (M Units)

Table 63. Global Cylindrical Lithium Ion Battery Sales by Application (2025-2030) & (M Units)

Table 64. Global Cylindrical Lithium Ion Battery Sales Market Share by Application (2019-2024)

Table 65. Global Cylindrical Lithium Ion Battery Sales Market Share by Application (2025-2030)

Table 66. Global Cylindrical Lithium Ion Battery Price by Application (2019-2024) &

(USD/Unit)

Table 67. Global Cylindrical Lithium Ion Battery Price by Application (2025-2030) & (USD/Unit)

Table 68. Panasonic (Sanyo) Company Information

Table 69. Panasonic (Sanyo) Business Overview

Table 70. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 71. Panasonic (Sanyo) Cylindrical Lithium Ion Battery Product Portfolio

Table 72. Panasonic (Sanyo) Recent Development

Table 73. Samsung SDI Company Information

Table 74. Samsung SDI Business Overview

Table 75. Samsung SDI Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 76. Samsung SDI Cylindrical Lithium Ion Battery Product Portfolio

Table 77. Samsung SDI Recent Development

Table 78. LG Chem Company Information

Table 79. LG Chem Business Overview

Table 80. LG Chem Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. LG Chem Cylindrical Lithium Ion Battery Product Portfolio

Table 82. LG Chem Recent Development

Table 83. Sony Company Information

Table 84. Sony Business Overview

Table 85. Sony Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Sony Cylindrical Lithium Ion Battery Product Portfolio

Table 87. Sony Recent Development

Table 88. Wanxiang (A123 Systems) Company Information

Table 89. Wanxiang (A123 Systems) Business Overview

Table 90. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. Wanxiang (A123 Systems) Cylindrical Lithium Ion Battery Product Portfolio

Table 92. Wanxiang (A123 Systems) Recent Development

Table 93. Hitachi Company Information

Table 94. Hitachi Business Overview

Table 95. Hitachi Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. Hitachi Cylindrical Lithium Ion Battery Product Portfolio

Table 97. Hitachi Recent Development

- Table 98. Tianjin Lishen Company Information
- Table 99. Tianjin Lishen Business Overview
- Table 100. Tianjin Lishen Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 101. Tianjin Lishen Cylindrical Lithium Ion Battery Product Portfolio
- Table 102. Tianjin Lishen Recent Development
- Table 103. Hefei Guoxuan Company Information
- Table 104. Hefei Guoxuan Business Overview
- Table 105. Hefei Guoxuan Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 106. Hefei Guoxuan Cylindrical Lithium Ion Battery Product Portfolio
- Table 107. Hefei Guoxuan Recent Development
- Table 108. Dongguan Large Electronics Company Information
- Table 109. Dongguan Large Electronics Business Overview
- Table 110. Dongguan Large Electronics Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 111. Dongguan Large Electronics Cylindrical Lithium Ion Battery Product Portfolio
- Table 112. Dongguan Large Electronics Recent Development
- Table 113. OptimumNano Company Information
- Table 114. OptimumNano Business Overview
- Table 115. OptimumNano Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 116. OptimumNano Cylindrical Lithium Ion Battery Product Portfolio
- Table 117. OptimumNano Recent Development
- Table 118. DLG Electronics Company Information
- Table 119. DLG Electronics Business Overview
- Table 120. DLG Electronics Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 121. DLG Electronics Cylindrical Lithium Ion Battery Product Portfolio
- Table 122. DLG Electronics Recent Development
- Table 123. Zhuoneng New Energy Company Information
- Table 124. Zhuoneng New Energy Business Overview
- Table 125. Zhuoneng New Energy Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 126. Zhuoneng New Energy Cylindrical Lithium Ion Battery Product Portfolio
- Table 127. Zhuoneng New Energy Recent Development
- Table 128. CHAM BATTERY Company Information
- Table 129. CHAM BATTERY Business Overview
- Table 130. CHAM BATTERY Cylindrical Lithium Ion Battery Sales (M Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 131. CHAM BATTERY Cylindrical Lithium Ion Battery Product Portfolio

Table 132. CHAM BATTERY Recent Development

Table 133. Padre Electronic Company Information

Table 134. Padre Electronic Business Overview

Table 135. Padre Electronic Cylindrical Lithium Ion Battery Sales (M Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 136. Padre Electronic Cylindrical Lithium Ion Battery Product Portfolio

Table 137. Padre Electronic Recent Development

Table 138. North America Cylindrical Lithium Ion Battery Revenue by Type (2019-2024) & (US\$ Million)

Table 139. North America Cylindrical Lithium Ion Battery Revenue by Type (2025-2030) & (US\$ Million)

Table 140. North America Cylindrical Lithium Ion Battery Sales by Type (2019-2024) & (M Units)

Table 141. North America Cylindrical Lithium Ion Battery Sales by Type (2025-2030) & (M Units)

Table 142. North America Cylindrical Lithium Ion Battery Sales Price by Type (2019-2024) & (USD/Unit)

Table 143. North America Cylindrical Lithium Ion Battery Sales Price by Type (2025-2030) & (USD/Unit)

Table 144. North America Cylindrical Lithium Ion Battery Revenue by Application (2019-2024) & (US\$ Million)

Table 145. North America Cylindrical Lithium Ion Battery Revenue by Application (2025-2030) & (US\$ Million)

Table 146. North America Cylindrical Lithium Ion Battery Sales by Application (2019-2024) & (M Units)

Table 147. North America Cylindrical Lithium Ion Battery Sales by Application (2025-2030) & (M Units)

Table 148. North America Cylindrical Lithium Ion Battery Sales Price by Application (2019-2024) & (USD/Unit)

Table 149. North America Cylindrical Lithium Ion Battery Sales Price by Application (2025-2030) & (USD/Unit)

Table 150. North America Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 151. North America Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2019-2024) & (US\$ Million)

Table 152. North America Cylindrical Lithium Ion Battery Revenue Grow Rate by Country (2025-2030) & (US\$ Million)

Table 153. North America Cylindrical Lithium Ion Battery Sales by Country (2019 VS 2023 VS 2030) & (M Units)

Table 154. North America Cylindrical Lithium Ion Battery Sales by Country (2019-2024) & (M Units)

Table 155. North America Cylindrical Lithium Ion Battery Sales by Country (2025-2030) & (M Units)

Table 156. North America Cylindrical Lithium Ion Battery Sales Price by Country (2019-2024) & (USD/Unit)

Table 157. North America Cylindrical Lithium Ion Battery Sales Price by Country (2025-2030) & (USD/Unit)

Table 158. U.S. Cylindrical Lithium Ion Battery Revenue (2019-2030) & (US\$ Million)

Table 159. Canada Cylindrical Lithium Ion Battery Revenue (2019-2030) & (US\$ Million)

Table 160. Europe Cylindrical Lithium Ion Battery Revenue by Type (2019-2024) & (US\$ Million)

Table 161. Europe Cylindrical Lithium Ion Battery Revenue by Type (2025-2030) & (US\$ Million)

Table 162. Europe Cylindrical Lithium Ion Battery Sales by Type (2019-2024) & (M Units)

Table 163. Europe Cylindrical Lithium Ion Battery Sales by Type (2025-2030) & (M Units)

Table 164. Europe Cylindrical Lithium Ion Battery Sales Price by Type (2019-2024) & (USD/Unit)

Table 165. Europe Cylindrical Lithium Ion Battery Sales Price by Type (2025-2030) & (USD/Unit)

Table 166. Europe Cylindrical Lithium Ion Battery Revenue by Application (2019-2024) & (US\$ Million)

Table 167. Europe Cylindrical Lithium Ion Battery Revenue by Application (2025-2030) & (US\$ Million)

Table 168. Europe Cylindrical Lithium Ion Battery Sales by Application (2019-2024) & (M Units)

Table 169. Europe Cylindrical Lithium Ion Battery Sales

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