

Global Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials market size was valued at USD 6914.5 million in 2023 and is forecast to a readjusted size of USD 8764.7 million by 2030 with a CAGR of 3.4% during review period.

Complex transition metal oxides and phosphates are currently the main cathode active materials used in Li-ion battery cells.

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the loading capacity of new energy vehicle power battery was about 295 GWh, and the new energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase

of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

The Global Info Research report includes an overview of the development of the Lithium-ion Battery Cathode Materials industry chain, the market status of Consumer Electronics (Lithium Cobalt Oxide (LCO), Lithium Nickel Manganese Cobalt Oxide (NMC)), Power Battery (Lithium Cobalt Oxide (LCO), Lithium Nickel Manganese Cobalt Oxide (NMC)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Lithium-ion Battery Cathode Materials.

Regionally, the report analyzes the Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials 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 (K Ton), revenue generated, and market share of different by Type (e.g., Lithium Cobalt Oxide (LCO), Lithium Nickel Manganese Cobalt Oxide (NMC)).

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 Lithium-ion Battery Cathode Materials market.

Regional Analysis: The report involves examining the Lithium-ion Battery Cathode

Materials 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 Lithium-ion Battery Cathode Materials market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Lithium-ion Battery Cathode Materials:

Company Analysis: Report covers individual Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Power Battery).

Technology Analysis: Report covers specific technologies relevant to Lithium-ion Battery Cathode Materials. It assesses the current state, advancements, and potential future developments in Lithium-ion Battery Cathode Materials areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Lithium-ion Battery Cathode Materials 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

Lithium-ion Battery Cathode Materials 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

Lithium Cobalt Oxide (LCO)

Lithium Nickel Manganese Cobalt Oxide (NMC)

Lithium Nickel Cobalt Aluminium Oxide (NCA)

Lithium Manganese Oxide (LMO)

Lithium Iron Phosphate (LFP)

Market segment by Application

Consumer Electronics

Power Battery

Others

Major players covered

Umicore

Nichia

Toda Kogyo

Reshine

L&F

ShanShanTech

Sumitomo

Targray

BASF

Mitsubishi

LG Chem

NEI Corporation

American Elements

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 Lithium-ion Battery Cathode Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lithium-ion Battery Cathode Materials, with price, sales, revenue and global market share of Lithium-ion Battery Cathode Materials from 2019 to 2024.

Chapter 3, the Lithium-ion Battery Cathode Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed

emphatically by landscape contrast.

Chapter 4, the Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials.

Chapter 14 and 15, to describe Lithium-ion Battery Cathode Materials sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Lithium-ion Battery Cathode Materials

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Lithium-ion Battery Cathode Materials Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Lithium Cobalt Oxide (LCO)

1.3.3 Lithium Nickel Manganese Cobalt Oxide (NMC)

1.3.4 Lithium Nickel Cobalt Aluminium Oxide (NCA)

1.3.5 Lithium Manganese Oxide (LMO)

1.3.6 Lithium Iron Phosphate (LFP)

1.4 Market Analysis by Application

1.4.1 Overview: Global Lithium-ion Battery Cathode Materials Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Consumer Electronics

1.4.3 Power Battery

1.4.4 Others

1.5 Global Lithium-ion Battery Cathode Materials Market Size & Forecast

1.5.1 Global Lithium-ion Battery Cathode Materials Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Lithium-ion Battery Cathode Materials Sales Quantity (2019-2030)

1.5.3 Global Lithium-ion Battery Cathode Materials Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Umicore

2.1.1 Umicore Details

2.1.2 Umicore Major Business

2.1.3 Umicore Lithium-ion Battery Cathode Materials Product and Services

2.1.4 Umicore Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Umicore Recent Developments/Updates

2.2 Nichia

2.2.1 Nichia Details

2.2.2 Nichia Major Business

2.2.3 Nichia Lithium-ion Battery Cathode Materials Product and Services

2.2.4 Nichia Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Nichia Recent Developments/Updates

2.3 Toda Kogyo

2.3.1 Toda Kogyo Details

2.3.2 Toda Kogyo Major Business

2.3.3 Toda Kogyo Lithium-ion Battery Cathode Materials Product and Services

2.3.4 Toda Kogyo Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Toda Kogyo Recent Developments/Updates

2.4 Reshine

2.4.1 Reshine Details

2.4.2 Reshine Major Business

2.4.3 Reshine Lithium-ion Battery Cathode Materials Product and Services

2.4.4 Reshine Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Reshine Recent Developments/Updates

2.5 L&F

2.5.1 L&F Details

2.5.2 L&F Major Business

2.5.3 L&F Lithium-ion Battery Cathode Materials Product and Services

2.5.4 L&F Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 L&F Recent Developments/Updates

2.6 ShanShanTech

2.6.1 ShanShanTech Details

2.6.2 ShanShanTech Major Business

2.6.3 ShanShanTech Lithium-ion Battery Cathode Materials Product and Services

2.6.4 ShanShanTech Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 ShanShanTech Recent Developments/Updates

2.7 Sumitomo

2.7.1 Sumitomo Details

2.7.2 Sumitomo Major Business

2.7.3 Sumitomo Lithium-ion Battery Cathode Materials Product and Services

2.7.4 Sumitomo Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Sumitomo Recent Developments/Updates

2.8 Targray

- 2.8.1 Targray Details
- 2.8.2 Targray Major Business
- 2.8.3 Targray Lithium-ion Battery Cathode Materials Product and Services
- 2.8.4 Targray Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Targray Recent Developments/Updates
- 2.9 BASF
 - 2.9.1 BASF Details
 - 2.9.2 BASF Major Business
 - 2.9.3 BASF Lithium-ion Battery Cathode Materials Product and Services
 - 2.9.4 BASF Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 BASF Recent Developments/Updates
- 2.10 Mitsubishi
 - 2.10.1 Mitsubishi Details
 - 2.10.2 Mitsubishi Major Business
 - 2.10.3 Mitsubishi Lithium-ion Battery Cathode Materials Product and Services
 - 2.10.4 Mitsubishi Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Mitsubishi Recent Developments/Updates
- 2.11 LG Chem
 - 2.11.1 LG Chem Details
 - 2.11.2 LG Chem Major Business
 - 2.11.3 LG Chem Lithium-ion Battery Cathode Materials Product and Services
 - 2.11.4 LG Chem Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 LG Chem Recent Developments/Updates
- 2.12 NEI Corporation
 - 2.12.1 NEI Corporation Details
 - 2.12.2 NEI Corporation Major Business
 - 2.12.3 NEI Corporation Lithium-ion Battery Cathode Materials Product and Services
 - 2.12.4 NEI Corporation Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 NEI Corporation Recent Developments/Updates
- 2.13 American Elements
 - 2.13.1 American Elements Details
 - 2.13.2 American Elements Major Business
 - 2.13.3 American Elements Lithium-ion Battery Cathode Materials Product and Services

2.13.4 American Elements Lithium-ion Battery Cathode Materials Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 American Elements Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LITHIUM-ION BATTERY CATHODE MATERIALS BY MANUFACTURER

3.1 Global Lithium-ion Battery Cathode Materials Sales Quantity by Manufacturer (2019-2024)

3.2 Global Lithium-ion Battery Cathode Materials Revenue by Manufacturer (2019-2024)

3.3 Global Lithium-ion Battery Cathode Materials Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Lithium-ion Battery Cathode Materials by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Lithium-ion Battery Cathode Materials Manufacturer Market Share in 2023

3.4.2 Top 6 Lithium-ion Battery Cathode Materials Manufacturer Market Share in 2023

3.5 Lithium-ion Battery Cathode Materials Market: Overall Company Footprint Analysis

3.5.1 Lithium-ion Battery Cathode Materials Market: Region Footprint

3.5.2 Lithium-ion Battery Cathode Materials Market: Company Product Type Footprint

3.5.3 Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Market Size by Region

4.1.1 Global Lithium-ion Battery Cathode Materials Sales Quantity by Region (2019-2030)

4.1.2 Global Lithium-ion Battery Cathode Materials Consumption Value by Region (2019-2030)

4.1.3 Global Lithium-ion Battery Cathode Materials Average Price by Region (2019-2030)

4.2 North America Lithium-ion Battery Cathode Materials Consumption Value (2019-2030)

4.3 Europe Lithium-ion Battery Cathode Materials Consumption Value (2019-2030)

4.4 Asia-Pacific Lithium-ion Battery Cathode Materials Consumption Value (2019-2030)

4.5 South America Lithium-ion Battery Cathode Materials Consumption Value
(2019-2030)

4.6 Middle East and Africa Lithium-ion Battery Cathode Materials Consumption Value
(2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2030)

5.2 Global Lithium-ion Battery Cathode Materials Consumption Value by Type
(2019-2030)

5.3 Global Lithium-ion Battery Cathode Materials Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Lithium-ion Battery Cathode Materials Sales Quantity by Application
(2019-2030)

6.2 Global Lithium-ion Battery Cathode Materials Consumption Value by Application
(2019-2030)

6.3 Global Lithium-ion Battery Cathode Materials Average Price by Application
(2019-2030)

7 NORTH AMERICA

7.1 North America Lithium-ion Battery Cathode Materials Sales Quantity by Type
(2019-2030)

7.2 North America Lithium-ion Battery Cathode Materials Sales Quantity by Application
(2019-2030)

7.3 North America Lithium-ion Battery Cathode Materials Market Size by Country

7.3.1 North America Lithium-ion Battery Cathode Materials Sales Quantity by Country
(2019-2030)

7.3.2 North America Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2030)

8.2 Europe Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2030)

8.3 Europe Lithium-ion Battery Cathode Materials Market Size by Country

8.3.1 Europe Lithium-ion Battery Cathode Materials Sales Quantity by Country (2019-2030)

8.3.2 Europe Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Lithium-ion Battery Cathode Materials Market Size by Region

9.3.1 Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2030)

10.2 South America Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2030)

10.3 South America Lithium-ion Battery Cathode Materials Market Size by Country

10.3.1 South America Lithium-ion Battery Cathode Materials Sales Quantity by

Country (2019-2030)

10.3.2 South America Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Lithium-ion Battery Cathode Materials Market Size by Country

11.3.1 Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Market Drivers

12.2 Lithium-ion Battery Cathode Materials Market Restraints

12.3 Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials and Key Manufacturers

13.2 Manufacturing Costs Percentage of Lithium-ion Battery Cathode Materials

13.3 Lithium-ion Battery Cathode Materials Production Process

13.4 Lithium-ion Battery Cathode Materials Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Lithium-ion Battery Cathode Materials Typical Distributors

14.3 Lithium-ion Battery Cathode Materials 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 Lithium-ion Battery Cathode Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Lithium-ion Battery Cathode Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Umicore Basic Information, Manufacturing Base and Competitors

Table 4. Umicore Major Business

Table 5. Umicore Lithium-ion Battery Cathode Materials Product and Services

Table 6. Umicore Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Umicore Recent Developments/Updates

Table 8. Nichia Basic Information, Manufacturing Base and Competitors

Table 9. Nichia Major Business

Table 10. Nichia Lithium-ion Battery Cathode Materials Product and Services

Table 11. Nichia Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Nichia Recent Developments/Updates

Table 13. Toda Kogyo Basic Information, Manufacturing Base and Competitors

Table 14. Toda Kogyo Major Business

Table 15. Toda Kogyo Lithium-ion Battery Cathode Materials Product and Services

Table 16. Toda Kogyo Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Toda Kogyo Recent Developments/Updates

Table 18. Reshine Basic Information, Manufacturing Base and Competitors

Table 19. Reshine Major Business

Table 20. Reshine Lithium-ion Battery Cathode Materials Product and Services

Table 21. Reshine Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Reshine Recent Developments/Updates

Table 23. L&F Basic Information, Manufacturing Base and Competitors

Table 24. L&F Major Business

Table 25. L&F Lithium-ion Battery Cathode Materials Product and Services

Table 26. L&F Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average

Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. L&F Recent Developments/Updates

Table 28. ShanShanTech Basic Information, Manufacturing Base and Competitors

Table 29. ShanShanTech Major Business

Table 30. ShanShanTech Lithium-ion Battery Cathode Materials Product and Services

Table 31. ShanShanTech Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. ShanShanTech Recent Developments/Updates

Table 33. Sumitomo Basic Information, Manufacturing Base and Competitors

Table 34. Sumitomo Major Business

Table 35. Sumitomo Lithium-ion Battery Cathode Materials Product and Services

Table 36. Sumitomo Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Sumitomo Recent Developments/Updates

Table 38. Targray Basic Information, Manufacturing Base and Competitors

Table 39. Targray Major Business

Table 40. Targray Lithium-ion Battery Cathode Materials Product and Services

Table 41. Targray Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Targray Recent Developments/Updates

Table 43. BASF Basic Information, Manufacturing Base and Competitors

Table 44. BASF Major Business

Table 45. BASF Lithium-ion Battery Cathode Materials Product and Services

Table 46. BASF Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. BASF Recent Developments/Updates

Table 48. Mitsubishi Basic Information, Manufacturing Base and Competitors

Table 49. Mitsubishi Major Business

Table 50. Mitsubishi Lithium-ion Battery Cathode Materials Product and Services

Table 51. Mitsubishi Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Mitsubishi Recent Developments/Updates

Table 53. LG Chem Basic Information, Manufacturing Base and Competitors

Table 54. LG Chem Major Business

Table 55. LG Chem Lithium-ion Battery Cathode Materials Product and Services

Table 56. LG Chem Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. LG Chem Recent Developments/Updates

Table 58. NEI Corporation Basic Information, Manufacturing Base and Competitors

Table 59. NEI Corporation Major Business

Table 60. NEI Corporation Lithium-ion Battery Cathode Materials Product and Services

Table 61. NEI Corporation Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. NEI Corporation Recent Developments/Updates

Table 63. American Elements Basic Information, Manufacturing Base and Competitors

Table 64. American Elements Major Business

Table 65. American Elements Lithium-ion Battery Cathode Materials Product and Services

Table 66. American Elements Lithium-ion Battery Cathode Materials Sales Quantity (K Ton), Average Price (USD/Ton), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. American Elements Recent Developments/Updates

Table 68. Global Lithium-ion Battery Cathode Materials Sales Quantity by Manufacturer (2019-2024) & (K Ton)

Table 69. Global Lithium-ion Battery Cathode Materials Revenue by Manufacturer (2019-2024) & (USD Million)

Table 70. Global Lithium-ion Battery Cathode Materials Average Price by Manufacturer (2019-2024) & (USD/Ton)

Table 71. Market Position of Manufacturers in Lithium-ion Battery Cathode Materials, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 72. Head Office and Lithium-ion Battery Cathode Materials Production Site of Key Manufacturer

Table 73. Lithium-ion Battery Cathode Materials Market: Company Product Type Footprint

Table 74. Lithium-ion Battery Cathode Materials Market: Company Product Application Footprint

Table 75. Lithium-ion Battery Cathode Materials New Market Entrants and Barriers to Market Entry

Table 76. Lithium-ion Battery Cathode Materials Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global Lithium-ion Battery Cathode Materials Sales Quantity by Region (2019-2024) & (K Ton)

Table 78. Global Lithium-ion Battery Cathode Materials Sales Quantity by Region (2025-2030) & (K Ton)

Table 79. Global Lithium-ion Battery Cathode Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 80. Global Lithium-ion Battery Cathode Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 81. Global Lithium-ion Battery Cathode Materials Average Price by Region (2019-2024) & (USD/Ton)

Table 82. Global Lithium-ion Battery Cathode Materials Average Price by Region (2025-2030) & (USD/Ton)

Table 83. Global Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 84. Global Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 85. Global Lithium-ion Battery Cathode Materials Consumption Value by Type (2019-2024) & (USD Million)

Table 86. Global Lithium-ion Battery Cathode Materials Consumption Value by Type (2025-2030) & (USD Million)

Table 87. Global Lithium-ion Battery Cathode Materials Average Price by Type (2019-2024) & (USD/Ton)

Table 88. Global Lithium-ion Battery Cathode Materials Average Price by Type (2025-2030) & (USD/Ton)

Table 89. Global Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2024) & (K Ton)

Table 90. Global Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 91. Global Lithium-ion Battery Cathode Materials Consumption Value by Application (2019-2024) & (USD Million)

Table 92. Global Lithium-ion Battery Cathode Materials Consumption Value by Application (2025-2030) & (USD Million)

Table 93. Global Lithium-ion Battery Cathode Materials Average Price by Application (2019-2024) & (USD/Ton)

Table 94. Global Lithium-ion Battery Cathode Materials Average Price by Application (2025-2030) & (USD/Ton)

Table 95. North America Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 96. North America Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 97. North America Lithium-ion Battery Cathode Materials Sales Quantity by

Application (2019-2024) & (K Ton)

Table 98. North America Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 99. North America Lithium-ion Battery Cathode Materials Sales Quantity by Country (2019-2024) & (K Ton)

Table 100. North America Lithium-ion Battery Cathode Materials Sales Quantity by Country (2025-2030) & (K Ton)

Table 101. North America Lithium-ion Battery Cathode Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 102. North America Lithium-ion Battery Cathode Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 103. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 104. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 105. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2024) & (K Ton)

Table 106. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 107. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Country (2019-2024) & (K Ton)

Table 108. Europe Lithium-ion Battery Cathode Materials Sales Quantity by Country (2025-2030) & (K Ton)

Table 109. Europe Lithium-ion Battery Cathode Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 110. Europe Lithium-ion Battery Cathode Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 111. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 112. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 113. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2024) & (K Ton)

Table 114. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 115. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Region (2019-2024) & (K Ton)

Table 116. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity by Region (2025-2030) & (K Ton)

Table 117. Asia-Pacific Lithium-ion Battery Cathode Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 118. Asia-Pacific Lithium-ion Battery Cathode Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 119. South America Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 120. South America Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 121. South America Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2024) & (K Ton)

Table 122. South America Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 123. South America Lithium-ion Battery Cathode Materials Sales Quantity by Country (2019-2024) & (K Ton)

Table 124. South America Lithium-ion Battery Cathode Materials Sales Quantity by Country (2025-2030) & (K Ton)

Table 125. South America Lithium-ion Battery Cathode Materials Consumption Value by Country (2019-2024) & (USD Million)

Table 126. South America Lithium-ion Battery Cathode Materials Consumption Value by Country (2025-2030) & (USD Million)

Table 127. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Type (2019-2024) & (K Ton)

Table 128. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Type (2025-2030) & (K Ton)

Table 129. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Application (2019-2024) & (K Ton)

Table 130. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Application (2025-2030) & (K Ton)

Table 131. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Region (2019-2024) & (K Ton)

Table 132. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity by Region (2025-2030) & (K Ton)

Table 133. Middle East & Africa Lithium-ion Battery Cathode Materials Consumption Value by Region (2019-2024) & (USD Million)

Table 134. Middle East & Africa Lithium-ion Battery Cathode Materials Consumption Value by Region (2025-2030) & (USD Million)

Table 135. Lithium-ion Battery Cathode Materials Raw Material

Table 136. Key Manufacturers of Lithium-ion Battery Cathode Materials Raw Materials

Table 137. Lithium-ion Battery Cathode Materials Typical Distributors

Table 138. Lithium-ion Battery Cathode Materials Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Lithium-ion Battery Cathode Materials Picture
- Figure 2. Global Lithium-ion Battery Cathode Materials Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Type in 2023
- Figure 4. Lithium Cobalt Oxide (LCO) Examples
- Figure 5. Lithium Nickel Manganese Cobalt Oxide (NMC) Examples
- Figure 6. Lithium Nickel Cobalt Aluminium Oxide (NCA) Examples
- Figure 7. Lithium Manganese Oxide (LMO) Examples
- Figure 8. Lithium Iron Phosphate (LFP) Examples
- Figure 9. Global Lithium-ion Battery Cathode Materials Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 10. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Application in 2023
- Figure 11. Consumer Electronics Examples
- Figure 12. Power Battery Examples
- Figure 13. Others Examples
- Figure 14. Global Lithium-ion Battery Cathode Materials Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 15. Global Lithium-ion Battery Cathode Materials Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 16. Global Lithium-ion Battery Cathode Materials Sales Quantity (2019-2030) & (K Ton)
- Figure 17. Global Lithium-ion Battery Cathode Materials Average Price (2019-2030) & (USD/Ton)
- Figure 18. Global Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Manufacturer in 2023
- Figure 19. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Manufacturer in 2023
- Figure 20. Producer Shipments of Lithium-ion Battery Cathode Materials by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 21. Top 3 Lithium-ion Battery Cathode Materials Manufacturer (Consumption Value) Market Share in 2023
- Figure 22. Top 6 Lithium-ion Battery Cathode Materials Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Lithium-ion Battery Cathode Materials Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Lithium-ion Battery Cathode Materials Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Lithium-ion Battery Cathode Materials Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Lithium-ion Battery Cathode Materials Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Lithium-ion Battery Cathode Materials Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Lithium-ion Battery Cathode Materials Average Price by Type (2019-2030) & (USD/Ton)

Figure 33. Global Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Lithium-ion Battery Cathode Materials Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Lithium-ion Battery Cathode Materials Average Price by Application (2019-2030) & (USD/Ton)

Figure 36. North America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Lithium-ion Battery Cathode Materials Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Lithium-ion Battery Cathode Materials Consumption Value and

Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Lithium-ion Battery Cathode Materials Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Lithium-ion Battery Cathode Materials Consumption Value Market Share by Region (2019-2030)

Figure 56. China Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)

- Figure 62. South America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)
- Figure 63. South America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)
- Figure 64. South America Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Country (2019-2030)
- Figure 65. South America Lithium-ion Battery Cathode Materials Consumption Value Market Share by Country (2019-2030)
- Figure 66. Brazil Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 67. Argentina Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 68. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Type (2019-2030)
- Figure 69. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Application (2019-2030)
- Figure 70. Middle East & Africa Lithium-ion Battery Cathode Materials Sales Quantity Market Share by Region (2019-2030)
- Figure 71. Middle East & Africa Lithium-ion Battery Cathode Materials Consumption Value Market Share by Region (2019-2030)
- Figure 72. Turkey Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 73. Egypt Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 74. Saudi Arabia Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 75. South Africa Lithium-ion Battery Cathode Materials Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 76. Lithium-ion Battery Cathode Materials Market Drivers
- Figure 77. Lithium-ion Battery Cathode Materials Market Restraints
- Figure 78. Lithium-ion Battery Cathode Materials Market Trends
- Figure 79. Porters Five Forces Analysis
- Figure 80. Manufacturing Cost Structure Analysis of Lithium-ion Battery Cathode Materials in 2023
- Figure 81. Manufacturing Process Analysis of Lithium-ion Battery Cathode Materials
- Figure 82. Lithium-ion Battery Cathode Materials Industrial Chain
- Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 84. Direct Channel Pros & Cons
- Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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