

Global Li-ion Battery Separator 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 Li-ion Battery Separator market size was valued at USD 2630.6 million in 2023 and is forecast to a readjusted size of USD 6999.9 million by 2030 with a CAGR of 15.0% during review period.

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 Li-ion Battery Separator industry chain, the market status of Dry Process (Microporous, Nonwovens), Wet Process (Microporous, Nonwovens), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Li-ion Battery Separator.

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

Key Features:

The report presents comprehensive understanding of the Li-ion Battery Separator 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 Li-ion Battery Separator 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 sqm), revenue generated, and market share of different by Type (e.g., Microporous, Nonwovens).

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 Li-ion Battery Separator market.

Regional Analysis: The report involves examining the Li-ion Battery Separator 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 Li-ion Battery Separator market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Li-ion Battery Separator:

Company Analysis: Report covers individual Li-ion Battery Separator 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 Li-ion Battery Separator. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Dry Process, Wet Process).

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

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

Li-ion Battery Separator 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

Microporous

Nonwovens

Ion-Exchange Membranes

Supported Liquid Membranes

Other

Market segment by Application

Dry Process

Wet Process

Major players covered

Sumitomo

Asahi Kasei

Celgard

Tokyo Gas

UBE

SK Energy

Entek

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 Li-ion Battery Separator product scope, market overview, market estimation caveats and base year.

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

Chapter 3, the Li-ion Battery Separator competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Li-ion Battery Separator 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 Li-ion Battery Separator 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 Li-ion Battery Separator.

Chapter 14 and 15, to describe Li-ion Battery Separator sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Li-ion Battery Separator
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Li-ion Battery Separator Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Microporous
 - 1.3.3 Nonwovens
 - 1.3.4 Ion-Exchange Membranes
 - 1.3.5 Supported Liquid Membranes
 - 1.3.6 Other
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Li-ion Battery Separator Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Dry Process
 - 1.4.3 Wet Process
- 1.5 Global Li-ion Battery Separator Market Size & Forecast
 - 1.5.1 Global Li-ion Battery Separator Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Li-ion Battery Separator Sales Quantity (2019-2030)
 - 1.5.3 Global Li-ion Battery Separator Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Sumitomo
 - 2.1.1 Sumitomo Details
 - 2.1.2 Sumitomo Major Business
 - 2.1.3 Sumitomo Li-ion Battery Separator Product and Services
 - 2.1.4 Sumitomo Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Sumitomo Recent Developments/Updates
- 2.2 Asahi Kasei
 - 2.2.1 Asahi Kasei Details
 - 2.2.2 Asahi Kasei Major Business
 - 2.2.3 Asahi Kasei Li-ion Battery Separator Product and Services
 - 2.2.4 Asahi Kasei Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Asahi Kasei Recent Developments/Updates

2.3 Celgard

2.3.1 Celgard Details

2.3.2 Celgard Major Business

2.3.3 Celgard Li-ion Battery Separator Product and Services

2.3.4 Celgard Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Celgard Recent Developments/Updates

2.4 Tokyo Gas

2.4.1 Tokyo Gas Details

2.4.2 Tokyo Gas Major Business

2.4.3 Tokyo Gas Li-ion Battery Separator Product and Services

2.4.4 Tokyo Gas Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Tokyo Gas Recent Developments/Updates

2.5 UBE

2.5.1 UBE Details

2.5.2 UBE Major Business

2.5.3 UBE Li-ion Battery Separator Product and Services

2.5.4 UBE Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 UBE Recent Developments/Updates

2.6 SK Energy

2.6.1 SK Energy Details

2.6.2 SK Energy Major Business

2.6.3 SK Energy Li-ion Battery Separator Product and Services

2.6.4 SK Energy Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 SK Energy Recent Developments/Updates

2.7 Entek

2.7.1 Entek Details

2.7.2 Entek Major Business

2.7.3 Entek Li-ion Battery Separator Product and Services

2.7.4 Entek Li-ion Battery Separator Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Entek Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LI-ION BATTERY SEPARATOR BY MANUFACTURER

- 3.1 Global Li-ion Battery Separator Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Li-ion Battery Separator Revenue by Manufacturer (2019-2024)
- 3.3 Global Li-ion Battery Separator Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Li-ion Battery Separator by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Li-ion Battery Separator Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Li-ion Battery Separator Manufacturer Market Share in 2023
- 3.5 Li-ion Battery Separator Market: Overall Company Footprint Analysis
 - 3.5.1 Li-ion Battery Separator Market: Region Footprint
 - 3.5.2 Li-ion Battery Separator Market: Company Product Type Footprint
 - 3.5.3 Li-ion Battery Separator 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 Li-ion Battery Separator Market Size by Region
 - 4.1.1 Global Li-ion Battery Separator Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Li-ion Battery Separator Consumption Value by Region (2019-2030)
 - 4.1.3 Global Li-ion Battery Separator Average Price by Region (2019-2030)
- 4.2 North America Li-ion Battery Separator Consumption Value (2019-2030)
- 4.3 Europe Li-ion Battery Separator Consumption Value (2019-2030)
- 4.4 Asia-Pacific Li-ion Battery Separator Consumption Value (2019-2030)
- 4.5 South America Li-ion Battery Separator Consumption Value (2019-2030)
- 4.6 Middle East and Africa Li-ion Battery Separator Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 5.2 Global Li-ion Battery Separator Consumption Value by Type (2019-2030)
- 5.3 Global Li-ion Battery Separator Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 6.2 Global Li-ion Battery Separator Consumption Value by Application (2019-2030)
- 6.3 Global Li-ion Battery Separator Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 7.2 North America Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 7.3 North America Li-ion Battery Separator Market Size by Country
 - 7.3.1 North America Li-ion Battery Separator Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Li-ion Battery Separator 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 Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 8.2 Europe Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 8.3 Europe Li-ion Battery Separator Market Size by Country
 - 8.3.1 Europe Li-ion Battery Separator Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Li-ion Battery Separator 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 Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Li-ion Battery Separator Market Size by Region
 - 9.3.1 Asia-Pacific Li-ion Battery Separator Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Li-ion Battery Separator 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 Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 10.2 South America Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 10.3 South America Li-ion Battery Separator Market Size by Country
 - 10.3.1 South America Li-ion Battery Separator Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Li-ion Battery Separator 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 Li-ion Battery Separator Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Li-ion Battery Separator Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Li-ion Battery Separator Market Size by Country
 - 11.3.1 Middle East & Africa Li-ion Battery Separator Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Li-ion Battery Separator 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 Li-ion Battery Separator Market Drivers
- 12.2 Li-ion Battery Separator Market Restraints
- 12.3 Li-ion Battery Separator 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 Li-ion Battery Separator and Key Manufacturers

13.2 Manufacturing Costs Percentage of Li-ion Battery Separator

13.3 Li-ion Battery Separator Production Process

13.4 Li-ion Battery Separator Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Li-ion Battery Separator Typical Distributors

14.3 Li-ion Battery Separator 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 Li-ion Battery Separator Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

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

Table 3. Sumitomo Basic Information, Manufacturing Base and Competitors

Table 4. Sumitomo Major Business

Table 5. Sumitomo Li-ion Battery Separator Product and Services

Table 6. Sumitomo Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Sumitomo Recent Developments/Updates

Table 8. Asahi Kasei Basic Information, Manufacturing Base and Competitors

Table 9. Asahi Kasei Major Business

Table 10. Asahi Kasei Li-ion Battery Separator Product and Services

Table 11. Asahi Kasei Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Asahi Kasei Recent Developments/Updates

Table 13. Celgard Basic Information, Manufacturing Base and Competitors

Table 14. Celgard Major Business

Table 15. Celgard Li-ion Battery Separator Product and Services

Table 16. Celgard Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Celgard Recent Developments/Updates

Table 18. Tokyo Gas Basic Information, Manufacturing Base and Competitors

Table 19. Tokyo Gas Major Business

Table 20. Tokyo Gas Li-ion Battery Separator Product and Services

Table 21. Tokyo Gas Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Tokyo Gas Recent Developments/Updates

Table 23. UBE Basic Information, Manufacturing Base and Competitors

Table 24. UBE Major Business

Table 25. UBE Li-ion Battery Separator Product and Services

Table 26. UBE Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. UBE Recent Developments/Updates

Table 28. SK Energy Basic Information, Manufacturing Base and Competitors

Table 29. SK Energy Major Business

Table 30. SK Energy Li-ion Battery Separator Product and Services

Table 31. SK Energy Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. SK Energy Recent Developments/Updates

Table 33. Entek Basic Information, Manufacturing Base and Competitors

Table 34. Entek Major Business

Table 35. Entek Li-ion Battery Separator Product and Services

Table 36. Entek Li-ion Battery Separator Sales Quantity (K sqm), Average Price (USD/sqm), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Entek Recent Developments/Updates

Table 38. Global Li-ion Battery Separator Sales Quantity by Manufacturer (2019-2024) & (K sqm)

Table 39. Global Li-ion Battery Separator Revenue by Manufacturer (2019-2024) & (USD Million)

Table 40. Global Li-ion Battery Separator Average Price by Manufacturer (2019-2024) & (USD/sqm)

Table 41. Market Position of Manufacturers in Li-ion Battery Separator, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 42. Head Office and Li-ion Battery Separator Production Site of Key Manufacturer

Table 43. Li-ion Battery Separator Market: Company Product Type Footprint

Table 44. Li-ion Battery Separator Market: Company Product Application Footprint

Table 45. Li-ion Battery Separator New Market Entrants and Barriers to Market Entry

Table 46. Li-ion Battery Separator Mergers, Acquisition, Agreements, and Collaborations

Table 47. Global Li-ion Battery Separator Sales Quantity by Region (2019-2024) & (K sqm)

Table 48. Global Li-ion Battery Separator Sales Quantity by Region (2025-2030) & (K sqm)

Table 49. Global Li-ion Battery Separator Consumption Value by Region (2019-2024) & (USD Million)

Table 50. Global Li-ion Battery Separator Consumption Value by Region (2025-2030) & (USD Million)

Table 51. Global Li-ion Battery Separator Average Price by Region (2019-2024) & (USD/sqm)

Table 52. Global Li-ion Battery Separator Average Price by Region (2025-2030) & (USD/sqm)

Table 53. Global Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K sqm)

Table 54. Global Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 55. Global Li-ion Battery Separator Consumption Value by Type (2019-2024) & (USD Million)

Table 56. Global Li-ion Battery Separator Consumption Value by Type (2025-2030) & (USD Million)

Table 57. Global Li-ion Battery Separator Average Price by Type (2019-2024) & (USD/sqm)

Table 58. Global Li-ion Battery Separator Average Price by Type (2025-2030) & (USD/sqm)

Table 59. Global Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 60. Global Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 61. Global Li-ion Battery Separator Consumption Value by Application (2019-2024) & (USD Million)

Table 62. Global Li-ion Battery Separator Consumption Value by Application (2025-2030) & (USD Million)

Table 63. Global Li-ion Battery Separator Average Price by Application (2019-2024) & (USD/sqm)

Table 64. Global Li-ion Battery Separator Average Price by Application (2025-2030) & (USD/sqm)

Table 65. North America Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K sqm)

Table 66. North America Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 67. North America Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 68. North America Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 69. North America Li-ion Battery Separator Sales Quantity by Country (2019-2024) & (K sqm)

Table 70. North America Li-ion Battery Separator Sales Quantity by Country (2025-2030) & (K sqm)

Table 71. North America Li-ion Battery Separator Consumption Value by Country (2019-2024) & (USD Million)

Table 72. North America Li-ion Battery Separator Consumption Value by Country (2025-2030) & (USD Million)

Table 73. Europe Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K

sqm)

Table 74. Europe Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 75. Europe Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 76. Europe Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 77. Europe Li-ion Battery Separator Sales Quantity by Country (2019-2024) & (K sqm)

Table 78. Europe Li-ion Battery Separator Sales Quantity by Country (2025-2030) & (K sqm)

Table 79. Europe Li-ion Battery Separator Consumption Value by Country (2019-2024) & (USD Million)

Table 80. Europe Li-ion Battery Separator Consumption Value by Country (2025-2030) & (USD Million)

Table 81. Asia-Pacific Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K sqm)

Table 82. Asia-Pacific Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 83. Asia-Pacific Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 84. Asia-Pacific Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 85. Asia-Pacific Li-ion Battery Separator Sales Quantity by Region (2019-2024) & (K sqm)

Table 86. Asia-Pacific Li-ion Battery Separator Sales Quantity by Region (2025-2030) & (K sqm)

Table 87. Asia-Pacific Li-ion Battery Separator Consumption Value by Region (2019-2024) & (USD Million)

Table 88. Asia-Pacific Li-ion Battery Separator Consumption Value by Region (2025-2030) & (USD Million)

Table 89. South America Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K sqm)

Table 90. South America Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 91. South America Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 92. South America Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 93. South America Li-ion Battery Separator Sales Quantity by Country (2019-2024) & (K sqm)

Table 94. South America Li-ion Battery Separator Sales Quantity by Country (2025-2030) & (K sqm)

Table 95. South America Li-ion Battery Separator Consumption Value by Country (2019-2024) & (USD Million)

Table 96. South America Li-ion Battery Separator Consumption Value by Country (2025-2030) & (USD Million)

Table 97. Middle East & Africa Li-ion Battery Separator Sales Quantity by Type (2019-2024) & (K sqm)

Table 98. Middle East & Africa Li-ion Battery Separator Sales Quantity by Type (2025-2030) & (K sqm)

Table 99. Middle East & Africa Li-ion Battery Separator Sales Quantity by Application (2019-2024) & (K sqm)

Table 100. Middle East & Africa Li-ion Battery Separator Sales Quantity by Application (2025-2030) & (K sqm)

Table 101. Middle East & Africa Li-ion Battery Separator Sales Quantity by Region (2019-2024) & (K sqm)

Table 102. Middle East & Africa Li-ion Battery Separator Sales Quantity by Region (2025-2030) & (K sqm)

Table 103. Middle East & Africa Li-ion Battery Separator Consumption Value by Region (2019-2024) & (USD Million)

Table 104. Middle East & Africa Li-ion Battery Separator Consumption Value by Region (2025-2030) & (USD Million)

Table 105. Li-ion Battery Separator Raw Material

Table 106. Key Manufacturers of Li-ion Battery Separator Raw Materials

Table 107. Li-ion Battery Separator Typical Distributors

Table 108. Li-ion Battery Separator Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Li-ion Battery Separator Picture

Figure 2. Global Li-ion Battery Separator Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Li-ion Battery Separator Consumption Value Market Share by Type in 2023

Figure 4. Microporous Examples

Figure 5. Nonwovens Examples

Figure 6. Ion-Exchange Membranes Examples

Figure 7. Supported Liquid Membranes Examples

Figure 8. Other Examples

Figure 9. Global Li-ion Battery Separator Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 10. Global Li-ion Battery Separator Consumption Value Market Share by Application in 2023

Figure 11. Dry Process Examples

Figure 12. Wet Process Examples

Figure 13. Global Li-ion Battery Separator Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Li-ion Battery Separator Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Li-ion Battery Separator Sales Quantity (2019-2030) & (K sqm)

Figure 16. Global Li-ion Battery Separator Average Price (2019-2030) & (USD/sqm)

Figure 17. Global Li-ion Battery Separator Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Li-ion Battery Separator Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Li-ion Battery Separator by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Li-ion Battery Separator Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Li-ion Battery Separator Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Li-ion Battery Separator Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Li-ion Battery Separator Consumption Value Market Share by Region

(2019-2030)

Figure 24. North America Li-ion Battery Separator Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Li-ion Battery Separator Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Li-ion Battery Separator Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Li-ion Battery Separator Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Li-ion Battery Separator Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Li-ion Battery Separator Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Li-ion Battery Separator Average Price by Type (2019-2030) & (USD/sqm)

Figure 32. Global Li-ion Battery Separator Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Li-ion Battery Separator Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Li-ion Battery Separator Average Price by Application (2019-2030) & (USD/sqm)

Figure 35. North America Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Li-ion Battery Separator Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Li-ion Battery Separator Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Li-ion Battery Separator Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Li-ion Battery Separator Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Li-ion Battery Separator Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Li-ion Battery Separator Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Li-ion Battery Separator Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Li-ion Battery Separator Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Li-ion Battery Separator Consumption Value Market Share by Region (2019-2030)

Figure 55. China Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Li-ion Battery Separator Sales Quantity Market Share by

Application (2019-2030)

Figure 63. South America Li-ion Battery Separator Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Li-ion Battery Separator Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Li-ion Battery Separator Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Li-ion Battery Separator Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Li-ion Battery Separator Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Li-ion Battery Separator Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Li-ion Battery Separator Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Li-ion Battery Separator Market Drivers

Figure 76. Li-ion Battery Separator Market Restraints

Figure 77. Li-ion Battery Separator Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Li-ion Battery Separator in 2023

Figure 80. Manufacturing Process Analysis of Li-ion Battery Separator

Figure 81. Li-ion Battery Separator Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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