

COVID-19 Impact on Global Lithium-ion Separator, Market Insights and Forecast to 2026

https://marketpublishers.com/r/C8084433FA2AEN.html

Date: September 2020 Pages: 188 Price: US\$ 3,900.00 (Single User License) ID: C8084433FA2AEN

Abstracts

Lithium-ion Separator market is segmented by Type, and by Application. Players, stakeholders, and other participants in the global Lithium-ion Separator market will be able to gain the upper hand as they use the report as a powerful resource. The segmental analysis focuses on sales, revenue and forecast by Type and by Application for the period 2015-2026.

Segment by Type, the Lithium-ion Separator market is segmented into

Monolayer Separator

Bilayer Separator

Trilayer Separator

Segment by Application, the Lithium-ion Separator market is segmented into

Consumer Electronics

Power Vehicle

Electric Power Storage

Industrial Use



Regional and Country-level Analysis

The Lithium-ion Separator market is analysed and market size information is provided by regions (countries).

The key regions covered in the Lithium-ion Separator market report are North America, Europe, Asia Pacific, Latin America, Middle East and Africa. It also covers key regions (countries), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by Type, and by Application segment in terms of sales and revenue for the period 2015-2026.

Competitive Landscape and Lithium-ion Separator Market Share Analysis Lithium-ion Separator market competitive landscape provides details and data information by players.

The report offers comprehensive analysis and accurate statistics on revenue by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on revenue (global and regional level) by players for the period 2015-2020. Details included are company description, major business, company total revenue and the sales, revenue generated in Lithium-ion Separator business, the date to enter into the Lithium-ion Separator market, Lithium-ion Separator product introduction, recent developments, etc.

The major vendors covered:

Asahi Kasei SK Innovation Toray Celgard UBE Sumitomo Chem



Entek

Evonik

MPI

W-SCOPE

Senior Tech

Jinhui Hi-Tech

Zhongke Sci & Tech

Cangzhou Mingzhu

Suzhou GreenPower

Yiteng New Energy

Tianfeng Material

DG Membrane Tech

Newmi-Tech

FSDH

Hongtu LIBS Tech

Shanghai Energy

Gellec

Zhenghua Separator

Huiqiang New Energy



Contents

1 STUDY COVERAGE

- 1.1 Lithium-ion Separator Product Introduction
- 1.2 Market Segments
- 1.3 Key Lithium-ion Separator Manufacturers Covered: Ranking by Revenue
- 1.4 Market by Type
- 1.4.1 Global Lithium-ion Separator Market Size Growth Rate by Type
- 1.4.2 Monolayer Separator
- 1.4.3 Bilayer Separator
- 1.4.4 Trilayer Separator
- 1.5 Market by Application
- 1.5.1 Global Lithium-ion Separator Market Size Growth Rate by Application
- 1.5.2 Consumer Electronics
- 1.5.3 Power Vehicle
- 1.5.4 Electric Power Storage
- 1.5.5 Industrial Use
- 1.6 Coronavirus Disease 2019 (Covid-19): Lithium-ion Separator Industry Impact
 - 1.6.1 How the Covid-19 is Affecting the Lithium-ion Separator Industry
 - 1.6.1.1 Lithium-ion Separator Business Impact Assessment Covid-19
 - 1.6.1.2 Supply Chain Challenges
 - 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products
- 1.6.2 Market Trends and Lithium-ion Separator Potential Opportunities in the COVID-19 Landscape
 - 1.6.3 Measures / Proposal against Covid-19
 - 1.6.3.1 Government Measures to Combat Covid-19 Impact
 - 1.6.3.2 Proposal for Lithium-ion Separator Players to Combat Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

2 EXECUTIVE SUMMARY

- 2.1 Global Lithium-ion Separator Market Size Estimates and Forecasts
 - 2.1.1 Global Lithium-ion Separator Revenue 2015-2026
- 2.1.2 Global Lithium-ion Separator Sales 2015-2026
- 2.2 Lithium-ion Separator Market Size by Region: 2020 Versus 2026

2.2.1 Global Lithium-ion Separator Retrospective Market Scenario in Sales by Region: 2015-2020



2.2.2 Global Lithium-ion Separator Retrospective Market Scenario in Revenue by Region: 2015-2020

3 GLOBAL LITHIUM-ION SEPARATOR COMPETITOR LANDSCAPE BY PLAYERS

3.1 Lithium-ion Separator Sales by Manufacturers

- 3.1.1 Lithium-ion Separator Sales by Manufacturers (2015-2020)
- 3.1.2 Lithium-ion Separator Sales Market Share by Manufacturers (2015-2020)

3.2 Lithium-ion Separator Revenue by Manufacturers

- 3.2.1 Lithium-ion Separator Revenue by Manufacturers (2015-2020)
- 3.2.2 Lithium-ion Separator Revenue Share by Manufacturers (2015-2020)
- 3.2.3 Global Lithium-ion Separator Market Concentration Ratio (CR5 and HHI) (2015-2020)

3.2.4 Global Top 10 and Top 5 Companies by Lithium-ion Separator Revenue in 2019 3.2.5 Global Lithium-ion Separator Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

3.3 Lithium-ion Separator Price by Manufacturers

3.4 Lithium-ion Separator Manufacturing Base Distribution, Product Types

3.4.1 Lithium-ion Separator Manufacturers Manufacturing Base Distribution, Headquarters

3.4.2 Manufacturers Lithium-ion Separator Product Type

3.4.3 Date of International Manufacturers Enter into Lithium-ion Separator Market

3.5 Manufacturers Mergers & Acquisitions, Expansion Plans

4 BREAKDOWN DATA BY TYPE (2015-2026)

4.1 Global Lithium-ion Separator Market Size by Type (2015-2020)

4.1.1 Global Lithium-ion Separator Sales by Type (2015-2020)

4.1.2 Global Lithium-ion Separator Revenue by Type (2015-2020)

4.1.3 Lithium-ion Separator Average Selling Price (ASP) by Type (2015-2026)

4.2 Global Lithium-ion Separator Market Size Forecast by Type (2021-2026)

- 4.2.1 Global Lithium-ion Separator Sales Forecast by Type (2021-2026)
- 4.2.2 Global Lithium-ion Separator Revenue Forecast by Type (2021-2026)

4.2.3 Lithium-ion Separator Average Selling Price (ASP) Forecast by Type (2021-2026)

4.3 Global Lithium-ion Separator Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

5 BREAKDOWN DATA BY APPLICATION (2015-2026)



- 5.1 Global Lithium-ion Separator Market Size by Application (2015-2020)
 - 5.1.1 Global Lithium-ion Separator Sales by Application (2015-2020)
 - 5.1.2 Global Lithium-ion Separator Revenue by Application (2015-2020)
 - 5.1.3 Lithium-ion Separator Price by Application (2015-2020)
- 5.2 Lithium-ion Separator Market Size Forecast by Application (2021-2026)
- 5.2.1 Global Lithium-ion Separator Sales Forecast by Application (2021-2026)
- 5.2.2 Global Lithium-ion Separator Revenue Forecast by Application (2021-2026)
- 5.2.3 Global Lithium-ion Separator Price Forecast by Application (2021-2026)

6 NORTH AMERICA

- 6.1 North America Lithium-ion Separator by Country
- 6.1.1 North America Lithium-ion Separator Sales by Country
- 6.1.2 North America Lithium-ion Separator Revenue by Country
- 6.1.3 U.S.
- 6.1.4 Canada
- 6.2 North America Lithium-ion Separator Market Facts & Figures by Type
- 6.3 North America Lithium-ion Separator Market Facts & Figures by Application

7 EUROPE

- 7.1 Europe Lithium-ion Separator by Country
 - 7.1.1 Europe Lithium-ion Separator Sales by Country
 - 7.1.2 Europe Lithium-ion Separator Revenue by Country
 - 7.1.3 Germany
 - 7.1.4 France
 - 7.1.5 U.K.
 - 7.1.6 Italy
 - 7.1.7 Russia
- 7.2 Europe Lithium-ion Separator Market Facts & Figures by Type
- 7.3 Europe Lithium-ion Separator Market Facts & Figures by Application

8 ASIA PACIFIC

- 8.1 Asia Pacific Lithium-ion Separator by Region
 - 8.1.1 Asia Pacific Lithium-ion Separator Sales by Region
 - 8.1.2 Asia Pacific Lithium-ion Separator Revenue by Region
 - 8.1.3 China



- 8.1.4 Japan
- 8.1.5 South Korea
- 8.1.6 India
- 8.1.7 Australia
- 8.1.8 Taiwan
- 8.1.9 Indonesia
- 8.1.10 Thailand
- 8.1.11 Malaysia
- 8.1.12 Philippines
- 8.1.13 Vietnam
- 8.2 Asia Pacific Lithium-ion Separator Market Facts & Figures by Type
- 8.3 Asia Pacific Lithium-ion Separator Market Facts & Figures by Application

9 LATIN AMERICA

- 9.1 Latin America Lithium-ion Separator by Country
 - 9.1.1 Latin America Lithium-ion Separator Sales by Country
 - 9.1.2 Latin America Lithium-ion Separator Revenue by Country
 - 9.1.3 Mexico
 - 9.1.4 Brazil
 - 9.1.5 Argentina
- 9.2 Central & South America Lithium-ion Separator Market Facts & Figures by Type

9.3 Central & South America Lithium-ion Separator Market Facts & Figures by Application

10 MIDDLE EAST AND AFRICA

10.1 Middle East and Africa Lithium-ion Separator by Country

- 10.1.1 Middle East and Africa Lithium-ion Separator Sales by Country
- 10.1.2 Middle East and Africa Lithium-ion Separator Revenue by Country
- 10.1.3 Turkey
- 10.1.4 Saudi Arabia
- 10.1.5 U.A.E

10.2 Middle East and Africa Lithium-ion Separator Market Facts & Figures by Type10.3 Middle East and Africa Lithium-ion Separator Market Facts & Figures by

Application

11 COMPANY PROFILES



- 11.1 Asahi Kasei
 - 11.1.1 Asahi Kasei Corporation Information
- 11.1.2 Asahi Kasei Description, Business Overview and Total Revenue
- 11.1.3 Asahi Kasei Sales, Revenue and Gross Margin (2015-2020)
- 11.1.4 Asahi Kasei Lithium-ion Separator Products Offered
- 11.1.5 Asahi Kasei Recent Development

11.2 SK Innovation

- 11.2.1 SK Innovation Corporation Information
- 11.2.2 SK Innovation Description, Business Overview and Total Revenue
- 11.2.3 SK Innovation Sales, Revenue and Gross Margin (2015-2020)
- 11.2.4 SK Innovation Lithium-ion Separator Products Offered
- 11.2.5 SK Innovation Recent Development
- 11.3 Toray
- 11.3.1 Toray Corporation Information
- 11.3.2 Toray Description, Business Overview and Total Revenue
- 11.3.3 Toray Sales, Revenue and Gross Margin (2015-2020)
- 11.3.4 Toray Lithium-ion Separator Products Offered
- 11.3.5 Toray Recent Development
- 11.4 Celgard
 - 11.4.1 Celgard Corporation Information
- 11.4.2 Celgard Description, Business Overview and Total Revenue
- 11.4.3 Celgard Sales, Revenue and Gross Margin (2015-2020)
- 11.4.4 Celgard Lithium-ion Separator Products Offered
- 11.4.5 Celgard Recent Development
- 11.5 UBE
 - 11.5.1 UBE Corporation Information
 - 11.5.2 UBE Description, Business Overview and Total Revenue
- 11.5.3 UBE Sales, Revenue and Gross Margin (2015-2020)
- 11.5.4 UBE Lithium-ion Separator Products Offered
- 11.5.5 UBE Recent Development
- 11.6 Sumitomo Chem
 - 11.6.1 Sumitomo Chem Corporation Information
 - 11.6.2 Sumitomo Chem Description, Business Overview and Total Revenue
 - 11.6.3 Sumitomo Chem Sales, Revenue and Gross Margin (2015-2020)
 - 11.6.4 Sumitomo Chem Lithium-ion Separator Products Offered
 - 11.6.5 Sumitomo Chem Recent Development
- 11.7 Entek
 - 11.7.1 Entek Corporation Information
 - 11.7.2 Entek Description, Business Overview and Total Revenue



- 11.7.3 Entek Sales, Revenue and Gross Margin (2015-2020)
- 11.7.4 Entek Lithium-ion Separator Products Offered
- 11.7.5 Entek Recent Development
- 11.8 Evonik
 - 11.8.1 Evonik Corporation Information
- 11.8.2 Evonik Description, Business Overview and Total Revenue
- 11.8.3 Evonik Sales, Revenue and Gross Margin (2015-2020)
- 11.8.4 Evonik Lithium-ion Separator Products Offered
- 11.8.5 Evonik Recent Development
- 11.9 MPI
- 11.9.1 MPI Corporation Information
- 11.9.2 MPI Description, Business Overview and Total Revenue
- 11.9.3 MPI Sales, Revenue and Gross Margin (2015-2020)
- 11.9.4 MPI Lithium-ion Separator Products Offered
- 11.9.5 MPI Recent Development
- 11.10 W-SCOPE
 - 11.10.1 W-SCOPE Corporation Information
 - 11.10.2 W-SCOPE Description, Business Overview and Total Revenue
- 11.10.3 W-SCOPE Sales, Revenue and Gross Margin (2015-2020)
- 11.10.4 W-SCOPE Lithium-ion Separator Products Offered
- 11.10.5 W-SCOPE Recent Development
- 11.1 Asahi Kasei
- 11.1.1 Asahi Kasei Corporation Information
- 11.1.2 Asahi Kasei Description, Business Overview and Total Revenue
- 11.1.3 Asahi Kasei Sales, Revenue and Gross Margin (2015-2020)
- 11.1.4 Asahi Kasei Lithium-ion Separator Products Offered
- 11.1.5 Asahi Kasei Recent Development
- 11.12 Jinhui Hi-Tech
- 11.12.1 Jinhui Hi-Tech Corporation Information
- 11.12.2 Jinhui Hi-Tech Description, Business Overview and Total Revenue
- 11.12.3 Jinhui Hi-Tech Sales, Revenue and Gross Margin (2015-2020)
- 11.12.4 Jinhui Hi-Tech Products Offered
- 11.12.5 Jinhui Hi-Tech Recent Development
- 11.13 Zhongke Sci & Tech
- 11.13.1 Zhongke Sci & Tech Corporation Information
- 11.13.2 Zhongke Sci & Tech Description, Business Overview and Total Revenue
- 11.13.3 Zhongke Sci & Tech Sales, Revenue and Gross Margin (2015-2020)
- 11.13.4 Zhongke Sci & Tech Products Offered
- 11.13.5 Zhongke Sci & Tech Recent Development



- 11.14 Cangzhou Mingzhu
- 11.14.1 Cangzhou Mingzhu Corporation Information
- 11.14.2 Cangzhou Mingzhu Description, Business Overview and Total Revenue
- 11.14.3 Cangzhou Mingzhu Sales, Revenue and Gross Margin (2015-2020)
- 11.14.4 Cangzhou Mingzhu Products Offered
- 11.14.5 Cangzhou Mingzhu Recent Development
- 11.15 Suzhou GreenPower
- 11.15.1 Suzhou GreenPower Corporation Information
- 11.15.2 Suzhou GreenPower Description, Business Overview and Total Revenue
- 11.15.3 Suzhou GreenPower Sales, Revenue and Gross Margin (2015-2020)
- 11.15.4 Suzhou GreenPower Products Offered
- 11.15.5 Suzhou GreenPower Recent Development
- 11.16 Yiteng New Energy
- 11.16.1 Yiteng New Energy Corporation Information
- 11.16.2 Yiteng New Energy Description, Business Overview and Total Revenue
- 11.16.3 Yiteng New Energy Sales, Revenue and Gross Margin (2015-2020)
- 11.16.4 Yiteng New Energy Products Offered
- 11.16.5 Yiteng New Energy Recent Development
- 11.17 Tianfeng Material
 - 11.17.1 Tianfeng Material Corporation Information
 - 11.17.2 Tianfeng Material Description, Business Overview and Total Revenue
 - 11.17.3 Tianfeng Material Sales, Revenue and Gross Margin (2015-2020)
 - 11.17.4 Tianfeng Material Products Offered
- 11.17.5 Tianfeng Material Recent Development
- 11.18 DG Membrane Tech
- 11.18.1 DG Membrane Tech Corporation Information
- 11.18.2 DG Membrane Tech Description, Business Overview and Total Revenue
- 11.18.3 DG Membrane Tech Sales, Revenue and Gross Margin (2015-2020)
- 11.18.4 DG Membrane Tech Products Offered
- 11.18.5 DG Membrane Tech Recent Development
- 11.19 Newmi-Tech
- 11.19.1 Newmi-Tech Corporation Information
- 11.19.2 Newmi-Tech Description, Business Overview and Total Revenue
- 11.19.3 Newmi-Tech Sales, Revenue and Gross Margin (2015-2020)
- 11.19.4 Newmi-Tech Products Offered
- 11.19.5 Newmi-Tech Recent Development
- 11.20 FSDH
 - 11.20.1 FSDH Corporation Information
 - 11.20.2 FSDH Description, Business Overview and Total Revenue



- 11.20.3 FSDH Sales, Revenue and Gross Margin (2015-2020)
- 11.20.4 FSDH Products Offered
- 11.20.5 FSDH Recent Development
- 11.21 Hongtu LIBS Tech
 - 11.21.1 Hongtu LIBS Tech Corporation Information
- 11.21.2 Hongtu LIBS Tech Description, Business Overview and Total Revenue
- 11.21.3 Hongtu LIBS Tech Sales, Revenue and Gross Margin (2015-2020)
- 11.21.4 Hongtu LIBS Tech Products Offered
- 11.21.5 Hongtu LIBS Tech Recent Development
- 11.22 Shanghai Energy
- 11.22.1 Shanghai Energy Corporation Information
- 11.22.2 Shanghai Energy Description, Business Overview and Total Revenue
- 11.22.3 Shanghai Energy Sales, Revenue and Gross Margin (2015-2020)
- 11.22.4 Shanghai Energy Products Offered
- 11.22.5 Shanghai Energy Recent Development
- 11.23 Gellec
 - 11.23.1 Gellec Corporation Information
 - 11.23.2 Gellec Description, Business Overview and Total Revenue
 - 11.23.3 Gellec Sales, Revenue and Gross Margin (2015-2020)
 - 11.23.4 Gellec Products Offered
- 11.23.5 Gellec Recent Development
- 11.24 Zhenghua Separator
 - 11.24.1 Zhenghua Separator Corporation Information
- 11.24.2 Zhenghua Separator Description, Business Overview and Total Revenue
- 11.24.3 Zhenghua Separator Sales, Revenue and Gross Margin (2015-2020)
- 11.24.4 Zhenghua Separator Products Offered
- 11.24.5 Zhenghua Separator Recent Development
- 11.25 Huiqiang New Energy
- 11.25.1 Huiqiang New Energy Corporation Information
- 11.25.2 Huiqiang New Energy Description, Business Overview and Total Revenue
- 11.25.3 Huiqiang New Energy Sales, Revenue and Gross Margin (2015-2020)
- 11.25.4 Huiqiang New Energy Products Offered
- 11.25.5 Huiqiang New Energy Recent Development

12 FUTURE FORECAST BY REGIONS (COUNTRIES) (2021-2026)

- 12.1 Lithium-ion Separator Market Estimates and Projections by Region
 - 12.1.1 Global Lithium-ion Separator Sales Forecast by Regions 2021-2026
 - 12.1.2 Global Lithium-ion Separator Revenue Forecast by Regions 2021-2026



- 12.2 North America Lithium-ion Separator Market Size Forecast (2021-2026)
- 12.2.1 North America: Lithium-ion Separator Sales Forecast (2021-2026)
- 12.2.2 North America: Lithium-ion Separator Revenue Forecast (2021-2026)

12.2.3 North America: Lithium-ion Separator Market Size Forecast by Country (2021-2026)

12.3 Europe Lithium-ion Separator Market Size Forecast (2021-2026)

12.3.1 Europe: Lithium-ion Separator Sales Forecast (2021-2026)

12.3.2 Europe: Lithium-ion Separator Revenue Forecast (2021-2026)

12.3.3 Europe: Lithium-ion Separator Market Size Forecast by Country (2021-2026)

12.4 Asia Pacific Lithium-ion Separator Market Size Forecast (2021-2026)

- 12.4.1 Asia Pacific: Lithium-ion Separator Sales Forecast (2021-2026)
- 12.4.2 Asia Pacific: Lithium-ion Separator Revenue Forecast (2021-2026)

12.4.3 Asia Pacific: Lithium-ion Separator Market Size Forecast by Region (2021-2026)

12.5 Latin America Lithium-ion Separator Market Size Forecast (2021-2026)

- 12.5.1 Latin America: Lithium-ion Separator Sales Forecast (2021-2026)
- 12.5.2 Latin America: Lithium-ion Separator Revenue Forecast (2021-2026)

12.5.3 Latin America: Lithium-ion Separator Market Size Forecast by Country (2021-2026)

- 12.6 Middle East and Africa Lithium-ion Separator Market Size Forecast (2021-2026) 12.6.1 Middle East and Africa: Lithium-ion Separator Sales Forecast (2021-2026)
 - 12.6.2 Middle East and Africa: Lithium-ion Separator Revenue Forecast (2021-2026)

12.6.3 Middle East and Africa: Lithium-ion Separator Market Size Forecast by Country (2021-2026)

13 MARKET OPPORTUNITIES, CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

- 13.1 Market Opportunities and Drivers
- 13.2 Market Challenges
- 13.3 Market Risks/Restraints
- 13.4 Porter's Five Forces Analysis
- 13.5 Primary Interviews with Key Lithium-ion Separator Players (Opinion Leaders)

14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 14.1 Value Chain Analysis
- 14.2 Lithium-ion Separator Customers
- 14.3 Sales Channels Analysis



14.3.1 Sales Channels 14.3.2 Distributors

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Research Methodology
 - 16.1.1 Methodology/Research Approach
 - 16.1.2 Data Source
- 16.2 Author Details



List Of Tables

LIST OF TABLES

Table 1. Lithium-ion Separator Market Segments

Table 2. Ranking of Global Top Lithium-ion Separator Manufacturers by Revenue (US\$ Million) in 2019

Table 3. Global Lithium-ion Separator Market Size Growth Rate by Type 2020-2026 (K MT) & (US\$ Million)

Table 4. Major Manufacturers of Monolayer Separator

Table 5. Major Manufacturers of Bilayer Separator

Table 6. Major Manufacturers of Trilayer Separator

Table 7. COVID-19 Impact Global Market: (Four Lithium-ion Separator Market Size Forecast Scenarios)

Table 8. Opportunities and Trends for Lithium-ion Separator Players in the COVID-19 Landscape

Table 9. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis

Table 10. Key Regions/Countries Measures against Covid-19 Impact

Table 11. Proposal for Lithium-ion Separator Players to Combat Covid-19 ImpactTable 12. Global Lithium-ion Separator Market Size Growth Rate by Application

2020-2026 (K MT)

Table 13. Global Lithium-ion Separator Market Size by Region (K MT) & (US\$ Million): 2020 VS 2026

Table 14. Global Lithium-ion Separator Sales by Regions 2015-2020 (K MT)

Table 15. Global Lithium-ion Separator Sales Market Share by Regions (2015-2020)

Table 16. Global Lithium-ion Separator Revenue by Regions 2015-2020 (US\$ Million)

Table 17. Global Lithium-ion Separator Sales by Manufacturers (2015-2020) (K MT)

Table 18. Global Lithium-ion Separator Sales Share by Manufacturers (2015-2020)

Table 19. Global Lithium-ion Separator Manufacturers Market Concentration Ratio (CR5 and HHI) (2015-2020)

Table 20. Global Lithium-ion Separator by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Lithium-ion Separator as of 2019)

Table 21. Lithium-ion Separator Revenue by Manufacturers (2015-2020) (US\$ Million)

Table 22. Lithium-ion Separator Revenue Share by Manufacturers (2015-2020)

Table 23. Key Manufacturers Lithium-ion Separator Price (2015-2020) (USD/MT)

Table 24. Lithium-ion Separator Manufacturers Manufacturing Base Distribution and Headquarters

Table 25. Manufacturers Lithium-ion Separator Product Type

Table 26. Date of International Manufacturers Enter into Lithium-ion Separator Market



 Table 27. Manufacturers Mergers & Acquisitions, Expansion Plans

Table 28. Global Lithium-ion Separator Sales by Type (2015-2020) (K MT)

 Table 29. Global Lithium-ion Separator Sales Share by Type (2015-2020)

Table 30. Global Lithium-ion Separator Revenue by Type (2015-2020) (US\$ Million)

Table 31. Global Lithium-ion Separator Revenue Share by Type (2015-2020)

Table 32. Lithium-ion Separator Average Selling Price (ASP) by Type 2015-2020 (USD/MT)

Table 33. Global Lithium-ion Separator Sales by Application (2015-2020) (K MT)

Table 34. Global Lithium-ion Separator Sales Share by Application (2015-2020)

Table 35. North America Lithium-ion Separator Sales by Country (2015-2020) (K MT)

Table 36. North America Lithium-ion Separator Sales Market Share by Country (2015-2020)

Table 37. North America Lithium-ion Separator Revenue by Country (2015-2020) (US\$ Million)

Table 38. North America Lithium-ion Separator Revenue Market Share by Country (2015-2020)

Table 39. North America Lithium-ion Separator Sales by Type (2015-2020) (K MT)

Table 40. North America Lithium-ion Separator Sales Market Share by Type(2015-2020)

Table 41. North America Lithium-ion Separator Sales by Application (2015-2020) (K MT)

Table 42. North America Lithium-ion Separator Sales Market Share by Application (2015-2020)

Table 43. Europe Lithium-ion Separator Sales by Country (2015-2020) (K MT)

 Table 44. Europe Lithium-ion Separator Sales Market Share by Country (2015-2020)

Table 45. Europe Lithium-ion Separator Revenue by Country (2015-2020) (US\$ Million)

Table 46. Europe Lithium-ion Separator Revenue Market Share by Country (2015-2020)

Table 47. Europe Lithium-ion Separator Sales by Type (2015-2020) (K MT)

Table 48. Europe Lithium-ion Separator Sales Market Share by Type (2015-2020)

Table 49. Europe Lithium-ion Separator Sales by Application (2015-2020) (K MT)

Table 50. Europe Lithium-ion Separator Sales Market Share by Application (2015-2020)

Table 51. Asia Pacific Lithium-ion Separator Sales by Region (2015-2020) (K MT)

Table 52. Asia Pacific Lithium-ion Separator Sales Market Share by Region (2015-2020)

Table 53. Asia Pacific Lithium-ion Separator Revenue by Region (2015-2020) (US\$ Million)

Table 54. Asia Pacific Lithium-ion Separator Revenue Market Share by Region (2015-2020)

Table 55. Asia Pacific Lithium-ion Separator Sales by Type (2015-2020) (K MT)



Table 56. Asia Pacific Lithium-ion Separator Sales Market Share by Type (2015-2020) Table 57. Asia Pacific Lithium-ion Separator Sales by Application (2015-2020) (K MT) Table 58. Asia Pacific Lithium-ion Separator Sales Market Share by Application (2015 - 2020)Table 59. Latin America Lithium-ion Separator Sales by Country (2015-2020) (K MT) Table 60. Latin America Lithium-ion Separator Sales Market Share by Country (2015 - 2020)Table 61. Latin Americaa Lithium-ion Separator Revenue by Country (2015-2020) (US\$ Million) Table 62. Latin America Lithium-ion Separator Revenue Market Share by Country (2015 - 2020)Table 63. Latin America Lithium-ion Separator Sales by Type (2015-2020) (K MT) Table 64. Latin America Lithium-ion Separator Sales Market Share by Type (2015 - 2020)Table 65. Latin America Lithium-ion Separator Sales by Application (2015-2020) (K MT) Table 66. Latin America Lithium-ion Separator Sales Market Share by Application (2015-2020) Table 67. Middle East and Africa Lithium-ion Separator Sales by Country (2015-2020) (K MT)Table 68. Middle East and Africa Lithium-ion Separator Sales Market Share by Country (2015 - 2020)Table 69. Middle East and Africa Lithium-ion Separator Revenue by Country (2015-2020) (US\$ Million) Table 70. Middle East and Africa Lithium-ion Separator Revenue Market Share by Country (2015-2020) Table 71. Middle East and Africa Lithium-ion Separator Sales by Type (2015-2020) (K MT) Table 72. Middle East and Africa Lithium-ion Separator Sales Market Share by Type (2015 - 2020)Table 73. Middle East and Africa Lithium-ion Separator Sales by Application (2015-2020) (K MT) Table 74. Middle East and Africa Lithium-ion Separator Sales Market Share by Application (2015-2020) Table 75. Asahi Kasei Corporation Information Table 76. Asahi Kasei Description and Major Businesses Table 77. Asahi Kasei Lithium-ion Separator Production (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 78. Asahi Kasei Product Table 79. Asahi Kasei Recent Development



- Table 80. SK Innovation Corporation Information
- Table 81. SK Innovation Description and Major Businesses
- Table 82. SK Innovation Lithium-ion Separator Production (K MT), Revenue (US\$
- Million), Price (USD/MT) and Gross Margin (2015-2020)
- Table 83. SK Innovation Product
- Table 84. SK Innovation Recent Development
- Table 85. Toray Corporation Information
- Table 86. Toray Description and Major Businesses
- Table 87. Toray Lithium-ion Separator Production (K MT), Revenue (US\$ Million), Price
- (USD/MT) and Gross Margin (2015-2020)
- Table 88. Toray Product
- Table 89. Toray Recent Development
- Table 90. Celgard Corporation Information
- Table 91. Celgard Description and Major Businesses
- Table 92. Celgard Lithium-ion Separator Production (K MT), Revenue (US\$ Million),
- Price (USD/MT) and Gross Margin (2015-2020)
- Table 93. Celgard Product
- Table 94. Celgard Recent Development
- Table 95. UBE Corporation Information
- Table 96. UBE Description and Major Businesses
- Table 97. UBE Lithium-ion Separator Production (K MT), Revenue (US\$ Million), Price
- (USD/MT) and Gross Margin (2015-2020)
- Table 98. UBE Product
- Table 99. UBE Recent Development
- Table 100. Sumitomo Chem Corporation Information
- Table 101. Sumitomo Chem Description and Major Businesses
- Table 102. Sumitomo Chem Lithium-ion Separator Production (K MT), Revenue (US\$
- Million), Price (USD/MT) and Gross Margin (2015-2020)
- Table 103. Sumitomo Chem Product
- Table 104. Sumitomo Chem Recent Development
- Table 105. Entek Corporation Information
- Table 106. Entek Description and Major Businesses
- Table 107. Entek Lithium-ion Separator Production (K MT), Revenue (US\$ Million),
- Price (USD/MT) and Gross Margin (2015-2020)
- Table 108. Entek Product
- Table 109. Entek Recent Development
- Table 110. Evonik Corporation Information
- Table 111. Evonik Description and Major Businesses
- Table 112. Evonik Lithium-ion Separator Production (K MT), Revenue (US\$ Million),



Price (USD/MT) and Gross Margin (2015-2020)

- Table 113. Evonik Product
- Table 114. Evonik Recent Development
- Table 115. MPI Corporation Information
- Table 116. MPI Description and Major Businesses
- Table 117. MPI Lithium-ion Separator Production (K MT), Revenue (US\$ Million), Price
- (USD/MT) and Gross Margin (2015-2020)
- Table 118. MPI Product
- Table 119. MPI Recent Development
- Table 120. W-SCOPE Corporation Information
- Table 121. W-SCOPE Description and Major Businesses
- Table 122. W-SCOPE Lithium-ion Separator Production (K MT), Revenue (US\$ Million),
- Price (USD/MT) and Gross Margin (2015-2020)
- Table 123. W-SCOPE Product
- Table 124. W-SCOPE Recent Development
- Table 125. Senior Tech Corporation Information
- Table 126. Senior Tech Description and Major Businesses
- Table 127. Senior Tech Lithium-ion Separator Sales (K MT), Revenue (US\$ Million),
- Price (USD/MT) and Gross Margin (2015-2020)
- Table 128. Senior Tech Product
- Table 129. Senior Tech Recent Development
- Table 130. Jinhui Hi-Tech Corporation Information
- Table 131. Jinhui Hi-Tech Description and Major Businesses
- Table 132. Jinhui Hi-Tech Lithium-ion Separator Sales (K MT), Revenue (US\$ Million),
- Price (USD/MT) and Gross Margin (2015-2020)
- Table 133. Jinhui Hi-Tech Product
- Table 134. Jinhui Hi-Tech Recent Development
- Table 135. Zhongke Sci & Tech Corporation Information
- Table 136. Zhongke Sci & Tech Description and Major Businesses
- Table 137. Zhongke Sci & Tech Lithium-ion Separator Sales (K MT), Revenue (US\$
- Million), Price (USD/MT) and Gross Margin (2015-2020)
- Table 138. Zhongke Sci & Tech Product
- Table 139. Zhongke Sci & Tech Recent Development
- Table 140. Cangzhou Mingzhu Corporation Information
- Table 141. Cangzhou Mingzhu Description and Major Businesses
- Table 142. Cangzhou Mingzhu Lithium-ion Separator Sales (K MT), Revenue (US\$
- Million), Price (USD/MT) and Gross Margin (2015-2020)
- Table 143. Cangzhou Mingzhu Product
- Table 144. Cangzhou Mingzhu Recent Development



Table 145. Suzhou GreenPower Corporation Information Table 146. Suzhou GreenPower Description and Major Businesses Table 147. Suzhou GreenPower Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 148. Suzhou GreenPower Product Table 149. Suzhou GreenPower Recent Development Table 150. Yiteng New Energy Corporation Information Table 151. Yiteng New Energy Description and Major Businesses Table 152. Yiteng New Energy Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 153. Yiteng New Energy Product Table 154. Yiteng New Energy Recent Development Table 155. Tianfeng Material Corporation Information Table 156. Tianfeng Material Description and Major Businesses Table 157. Tianfeng Material Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 158. Tianfeng Material Product Table 159. Tianfeng Material Recent Development Table 160. DG Membrane Tech Corporation Information Table 161. DG Membrane Tech Description and Major Businesses Table 162. DG Membrane Tech Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 163. DG Membrane Tech Product Table 164. DG Membrane Tech Recent Development Table 165. Newmi-Tech Corporation Information Table 166. Newmi-Tech Description and Major Businesses Table 167. Newmi-Tech Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 168. Newmi-Tech Product Table 169. Newmi-Tech Recent Development Table 170. FSDH Corporation Information Table 171. FSDH Description and Major Businesses Table 172. FSDH Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2015-2020) Table 173. FSDH Product Table 174. FSDH Recent Development Table 175. Hongtu LIBS Tech Corporation Information Table 176. Hongtu LIBS Tech Description and Major Businesses Table 177. Hongtu LIBS Tech Lithium-ion Separator Sales (K MT), Revenue (US\$



Million), Price (USD/MT) and Gross Margin (2015-2020)

Table 178. Hongtu LIBS Tech Product

Table 179. Hongtu LIBS Tech Recent Development

- Table 180. Shanghai Energy Corporation Information
- Table 181. Shanghai Energy Description and Major Businesses

Table 182. Shanghai Energy Lithium-ion Separator Sales (K MT), Revenue (US\$

Million), Price (USD/MT) and Gross Margin (2015-2020)

- Table 183. Shanghai Energy Product
- Table 184. Shanghai Energy Recent Development
- Table 185. Gellec Corporation Information
- Table 186. Gellec Description and Major Businesses
- Table 187. Gellec Lithium-ion Separator Sales (K MT), Revenue (US\$ Million), Price
- (USD/MT) and Gross Margin (2015-2020)
- Table 188. Gellec Product
- Table 189. Gellec Recent Development
- Table 190. Zhenghua Separator Corporation Information
- Table 191. Zhenghua Separator Description and Major Businesses
- Table 192. Zhenghua Separator Lithium-ion Separator Sales (K MT), Revenue (US\$
- Million), Price (USD/MT) and Gross Margin (2015-2020)
- Table 193. Zhenghua Separator Product
- Table 194. Zhenghua Separator Recent Development
- Table 195. Huiqiang New Energy Corporation Information
- Table 196. Huiqiang New Energy Description and Major Businesses

Table 197. Huiqiang New Energy Lithium-ion Separator Sales (K MT), Revenue (US\$

Million), Price (USD/MT) and Gross Margin (2015-2020)

Table 198. Huiqiang New Energy Product

Table 199. Huiqiang New Energy Recent Development

Table 200. Global Lithium-ion Separator Sales Forecast by Regions (2021-2026) (K MT)

Table 201. Global Lithium-ion Separator Sales Market Share Forecast by Regions (2021-2026)

Table 202. Global Lithium-ion Separator Revenue Forecast by Regions (2021-2026) (US\$ Million)

Table 203. Global Lithium-ion Separator Revenue Market Share Forecast by Regions (2021-2026)

Table 204. North America: Lithium-ion Separator Sales Forecast by Country (2021-2026) (K MT)

Table 205. North America: Lithium-ion Separator Revenue Forecast by Country (2021-2026) (US\$ Million)



Table 206. Europe: Lithium-ion Separator Sales Forecast by Country (2021-2026) (K MT)

Table 207. Europe: Lithium-ion Separator Revenue Forecast by Country (2021-2026) (US\$ Million)

Table 208. Asia Pacific: Lithium-ion Separator Sales Forecast by Region (2021-2026) (K MT)

Table 209. Asia Pacific: Lithium-ion Separator Revenue Forecast by Region (2021-2026) (US\$ Million)

Table 210. Latin America: Lithium-ion Separator Sales Forecast by Country (2021-2026) (K MT)

Table 211. Latin America: Lithium-ion Separator Revenue Forecast by Country(2021-2026) (US\$ Million)

Table 212. Middle East and Africa: Lithium-ion Separator Sales Forecast by Country (2021-2026) (K MT)

Table 213. Middle East and Africa: Lithium-ion Separator Revenue Forecast by Country (2021-2026) (US\$ Million)

- Table 214. Key Opportunities and Drivers: Impact Analysis (2021-2026)
- Table 215. Key Challenges

Table 216. Market Risks

- Table 217. Main Points Interviewed from Key Lithium-ion Separator Players
- Table 218. Lithium-ion Separator Customers List
- Table 219. Lithium-ion Separator Distributors List
- Table 220. Research Programs/Design for This Report
- Table 221. Key Data Information from Secondary Sources

Table 222. Key Data Information from Primary Sources



List Of Figures

LIST OF FIGURES

Figure 1. Lithium-ion Separator Product Picture

Figure 2. Global Lithium-ion Separator Sales Market Share by Type in 2020 & 2026

- Figure 3. Monolayer Separator Product Picture
- Figure 4. Bilayer Separator Product Picture
- Figure 5. Trilayer Separator Product Picture
- Figure 6. Global Lithium-ion Separator Sales Market Share by Application in 2020 & 2026
- Figure 7. Consumer Electronics
- Figure 8. Power Vehicle
- Figure 9. Electric Power Storage
- Figure 10. Industrial Use
- Figure 11. Lithium-ion Separator Report Years Considered
- Figure 12. Global Lithium-ion Separator Market Size 2015-2026 (US\$ Million)
- Figure 13. Global Lithium-ion Separator Sales 2015-2026 (K MT)
- Figure 14. Global Lithium-ion Separator Market Size Market Share by Region: 2020 Versus 2026
- Figure 15. Global Lithium-ion Separator Sales Market Share by Region (2015-2020)
- Figure 16. Global Lithium-ion Separator Sales Market Share by Region in 2019
- Figure 17. Global Lithium-ion Separator Revenue Market Share by Region (2015-2020)
- Figure 18. Global Lithium-ion Separator Revenue Market Share by Region in 2019
- Figure 19. Global Lithium-ion Separator Sales Share by Manufacturer in 2019
- Figure 20. The Top 10 and 5 Players Market Share by Lithium-ion Separator Revenue in 2019
- Figure 21. Lithium-ion Separator Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 22. Global Lithium-ion Separator Sales Market Share by Type (2015-2020)
- Figure 23. Global Lithium-ion Separator Sales Market Share by Type in 2019
- Figure 24. Global Lithium-ion Separator Revenue Market Share by Type (2015-2020)
- Figure 25. Global Lithium-ion Separator Revenue Market Share by Type in 2019
- Figure 26. Global Lithium-ion Separator Market Share by Price Range (2015-2020)
- Figure 27. Global Lithium-ion Separator Sales Market Share by Application (2015-2020)
- Figure 28. Global Lithium-ion Separator Sales Market Share by Application in 2019
- Figure 29. Global Lithium-ion Separator Revenue Market Share by Application (2015-2020)
- Figure 30. Global Lithium-ion Separator Revenue Market Share by Application in 2019.



Figure 31. North America Lithium-ion Separator Sales Growth Rate 2015-2020 (K MT) Figure 32. North America Lithium-ion Separator Revenue Growth Rate 2015-2020 (US\$ Million)

Figure 33. North America Lithium-ion Separator Sales Market Share by Country in 2019

Figure 34. North America Lithium-ion Separator Revenue Market Share by Country in 2019

Figure 35. U.S. Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 36. U.S. Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 37. Canada Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 38. Canada Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 39. North America Lithium-ion Separator Market Share by Type in 2019

Figure 40. North America Lithium-ion Separator Market Share by Application in 2019

Figure 41. Europe Lithium-ion Separator Sales Growth Rate 2015-2020 (K MT)

Figure 42. Europe Lithium-ion Separator Revenue Growth Rate 2015-2020 (US\$ Million)

Figure 43. Europe Lithium-ion Separator Sales Market Share by Country in 2019

Figure 44. Europe Lithium-ion Separator Revenue Market Share by Country in 2019

Figure 45. Germany Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 46. Germany Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 47. France Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 48. France Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 49. U.K. Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 50. U.K. Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 51. Italy Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 52. Italy Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 53. Russia Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 54. Russia Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 55. Europe Lithium-ion Separator Market Share by Type in 2019

Figure 56. Europe Lithium-ion Separator Market Share by Application in 2019

Figure 57. Asia Pacific Lithium-ion Separator Sales Growth Rate 2015-2020 (K MT)

Figure 58. Asia Pacific Lithium-ion Separator Revenue Growth Rate 2015-2020 (US\$ Million)

Figure 59. Asia Pacific Lithium-ion Separator Sales Market Share by Region in 2019

Figure 60. Asia Pacific Lithium-ion Separator Revenue Market Share by Region in 2019

Figure 61. China Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)



Figure 62. China Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 63. Japan Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 64. Japan Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 65. South Korea Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 66. South Korea Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

- Figure 67. India Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)
- Figure 68. India Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 69. Australia Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 70. Australia Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 71. Taiwan Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 72. Taiwan Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 73. Indonesia Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 74. Indonesia Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 75. Thailand Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 76. Thailand Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 77. Malaysia Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 78. Malaysia Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 79. Philippines Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 80. Philippines Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 81. Vietnam Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 82. Vietnam Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 83. Asia Pacific Lithium-ion Separator Market Share by Type in 2019

Figure 84. Asia Pacific Lithium-ion Separator Market Share by Application in 2019

Figure 85. Latin America Lithium-ion Separator Sales Growth Rate 2015-2020 (K MT)

Figure 86. Latin America Lithium-ion Separator Revenue Growth Rate 2015-2020 (US\$ Million)

Figure 87. Latin America Lithium-ion Separator Sales Market Share by Country in 2019 Figure 88. Latin America Lithium-ion Separator Revenue Market Share by Country in 2019



Figure 89. Mexico Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT) Figure 90. Mexico Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 91. Brazil Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 92. Brazil Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 93. Argentina Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 94. Argentina Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 95. Latin America Lithium-ion Separator Market Share by Type in 2019

Figure 96. Latin America Lithium-ion Separator Market Share by Application in 2019

Figure 97. Middle East and Africa Lithium-ion Separator Sales Growth Rate 2015-2020 (K MT)

Figure 98. Middle East and Africa Lithium-ion Separator Revenue Growth Rate 2015-2020 (US\$ Million)

Figure 99. Middle East and Africa Lithium-ion Separator Sales Market Share by Country in 2019

Figure 100. Middle East and Africa Lithium-ion Separator Revenue Market Share by Country in 2019

Figure 101. Turkey Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 102. Turkey Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 103. Saudi Arabia Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT) Figure 104. Saudi Arabia Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 105. U.A.E Lithium-ion Separator Sales Growth Rate (2015-2020) (K MT)

Figure 106. U.A.E Lithium-ion Separator Revenue Growth Rate (2015-2020) (US\$ Million)

Figure 107. Middle East and Africa Lithium-ion Separator Market Share by Type in 2019 Figure 108. Middle East and Africa Lithium-ion Separator Market Share by Application in 2019

Figure 109. Asahi Kasei Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 110. SK Innovation Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 111. Toray Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 112. Celgard Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 113. UBE Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 114. Sumitomo Chem Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 115. Entek Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 116. Evonik Total Revenue (US\$ Million): 2019 Compared with 2018



Figure 117. MPI Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 118. W-SCOPE Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 119. Senior Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 120. Jinhui Hi-Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 121. Zhongke Sci & Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 122. Cangzhou Mingzhu Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 123. Suzhou GreenPower Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 124. Yiteng New Energy Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 125. Tianfeng Material Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 126. DG Membrane Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 127. Newmi-Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 128. FSDH Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 129. Hongtu LIBS Tech Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 130. Shanghai Energy Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 131. Gellec Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 132. Zhenghua Separator Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 133. Huigiang New Energy Total Revenue (US\$ Million): 2019 Compared with 2018 Figure 134. North America Lithium-ion Separator Sales Growth Rate Forecast (2021-2026) (K MT) Figure 135. North America Lithium-ion Separator Revenue Growth Rate Forecast (2021-2026) (US\$ Million) Figure 136. Europe Lithium-ion Separator Sales Growth Rate Forecast (2021-2026) (K MT) Figure 137. Europe Lithium-ion Separator Revenue Growth Rate Forecast (2021-2026) (US\$ Million) Figure 138. Asia Pacific Lithium-ion Separator Sales Growth Rate Forecast (2021-2026) (KMT) Figure 139. Asia Pacific Lithium-ion Separator Revenue Growth Rate Forecast (2021-2026) (US\$ Million) Figure 140. Latin America Lithium-ion Separator Sales Growth Rate Forecast (2021-2026) (K MT) Figure 141. Latin America Lithium-ion Separator Revenue Growth Rate Forecast (2021-2026) (US\$ Million)



Figure 142. Middle East and Africa Lithium-ion Separator Sales Growth Rate Forecast (2021-2026) (K MT)

Figure 143. Middle East and Africa Lithium-ion Separator Revenue Growth Rate

Forecast (2021-2026) (US\$ Million)

- Figure 144. Porter's Five Forces Analysis
- Figure 145. Channels of Distribution
- Figure 146. Distributors Profiles
- Figure 147. Bottom-up and Top-down Approaches for This Report
- Figure 148. Data Triangulation
- Figure 149. Key Executives Interviewed



I would like to order

Product name: COVID-19 Impact on Global Lithium-ion Separator, Market Insights and Forecast to 2026 Product link: <u>https://marketpublishers.com/r/C8084433FA2AEN.html</u>

Price: US\$ 3,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/C8084433FA2AEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970