

North America Lithium-Ion Battery Separator Market by Manufacturers, Countries, Type and Application, Forecast to 2022

https://marketpublishers.com/r/N49C9BF370DEN.html

Date: September 2017

Pages: 116

Price: US\$ 4,480.00 (Single User License)

ID: N49C9BF370DEN

Abstracts

Lithium-ion battery separator is polypropylene (PP), polyethylene (PE), or trilayer PP/PE/PP electrolytic separator membranes which plays a critical role of separating the cathode from the anode. It is this separation of charge that allows the battery to generate electricity. It is widely used in consumer electronics, power vehicle, electric power storage, industrial use.

Scope of the Report:

This report focuses on the Lithium-Ion Battery Separator in North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

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



Market Segment by Countries, covering		
United States		
Canada		
Mexico		
Market Segment by Type, covers		
Monolayer Lithium-Ion Battery Separator		
Bilayer Lithium-Ion Battery Separator		
Trilayer Lithium-Ion Battery Separator		
Market Segment by Applications, can be divided into		
Consumer Electronics		
Power Vehicle		
Electric Power Storage		
Industrial Use		
There are 15 Chapters to deeply display the North America Lithium-Ion Battery Separator market.		
Chapter 1, to describe Lithium-Ion Battery Separator Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force:		

main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 2, to analyze the manufacturers of Lithium-Ion Battery Separator, with profile,



Chapter 3, to display the competitive situation among the top manufacturers, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of Lithium-Ion Battery Separator, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, Lithium-Ion Battery Separator market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe Lithium-Ion Battery Separator Research Findings and Conclusion, Appendix, methodology and data source



Contents

1 MARKET OVERVIEW

- 1.1 Lithium-Ion Battery Separator Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Monolayer Lithium-Ion Battery Separator
 - 1.2.2 Bilayer Lithium-Ion Battery Separator
- 1.2.3 Trilayer Lithium-Ion Battery Separator
- 1.3 Market Analysis by Applications
 - 1.3.1 Consumer Electronics
 - 1.3.2 Power Vehicle
 - 1.3.3 Electric Power Storage
 - 1.3.4 Industrial Use
- 1.4 Market Analysis by Countries
 - 1.4.1 United States Status and Prospect (2012-2022)
 - 1.4.2 Mexico Status and Prospect (2012-2022)
 - 1.4.3 Canada Status and Prospect (2012-2022)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

- 2.1 Asahi Kasei
 - 2.1.1 Profile
 - 2.1.2 Lithium-Ion Battery Separator Type and Applications
 - 2.1.2.1 Type
 - 2.1.2.2 Type
- 2.1.3 Asahi Kasei Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.1.4 Business Overview
 - 2.1.5 Asahi Kasei News
- 2.2 SK Innovation
 - 2.2.1 Profile
 - 2.2.2 Lithium-Ion Battery Separator Type and Applications
 - 2.2.2.1 Type
 - 2.2.2.2 Type



- 2.2.3 SK Innovation Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.2.4 Business Overview
 - 2.2.5 SK Innovation News
- 2.3 Toray
 - 2.3.1 Profile
 - 2.3.2 Lithium-Ion Battery Separator Type and Applications
 - 2.3.2.1 Type
 - 2.3.2.2 Type
- 2.3.3 Toray Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.3.4 Business Overview
 - 2.3.5 Toray News
- 2.4 Celgard
 - 2.4.1 Profile
 - 2.4.2 Lithium-Ion Battery Separator Type and Applications
 - 2.4.2.1 Type
 - 2.4.2.2 Type
- 2.4.3 Celgard Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.4.4 Business Overview
 - 2.4.5 Celgard News
- 2.5 UBE
 - 2.5.1 Profile
 - 2.5.2 Lithium-Ion Battery Separator Type and Applications
 - 2.5.2.1 Type
 - 2.5.2.2 Type
- 2.5.3 UBE Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.5.4 Business Overview
 - 2.5.5 UBE News
- 2.6 Sumitomo Chem
 - 2.6.1 Profile
 - 2.6.2 Lithium-Ion Battery Separator Type and Applications
 - 2.6.2.1 Type
 - 2.6.2.2 Type
- 2.6.3 Sumitomo Chem Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.6.4 Business Overview



2.6.5 Sumitomo Chem News

- 2.7 Entek
 - 2.7.1 Profile
 - 2.7.2 Lithium-Ion Battery Separator Type and Applications
 - 2.7.2.1 Type
 - 2.7.2.2 Type
- 2.7.3 Entek Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.7.4 Business Overview
 - 2.7.5 Entek News
- 2.8 Evonik
 - 2.8.1 Profile
 - 2.8.2 Lithium-Ion Battery Separator Type and Applications
 - 2.8.2.1 Type
 - 2.8.2.2 Type
- 2.8.3 Evonik Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.8.4 Business Overview
 - 2.8.5 Evonik News
- 2.9 MPI
 - 2.9.1 Profile
 - 2.9.2 Lithium-Ion Battery Separator Type and Applications
 - 2.9.2.1 Type
 - 2.9.2.2 Type
- 2.9.3 MPI Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.4 Business Overview
 - 2.9.5 MPI News
- 2.10 W-SCOPE
 - 2.10.1 Profile
 - 2.10.2 Lithium-Ion Battery Separator Type and Applications
 - 2.10.2.1 Type
 - 2.10.2.2 Type
- 2.10.3 W-SCOPE Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.4 Business Overview
 - 2.10.5 W-SCOPE News
- 2.11 Senior Tech
- 2.11.1 Profile



- 2.11.2 Lithium-Ion Battery Separator Type and Applications
 - 2.11.2.1 Type
 - 2.11.2.2 Type
- 2.11.3 Senior Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.11.4 Business Overview
 - 2.11.5 Senior Tech News
- 2.12 Jinhui Hi-Tech
 - 2.12.1 Profile
 - 2.12.2 Lithium-Ion Battery Separator Type and Applications
 - 2.12.2.1 Type
 - 2.12.2.2 Type
- 2.12.3 Jinhui Hi-Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.12.4 Business Overview
 - 2.12.5 Jinhui Hi-Tech News
- 2.13 Zhongke Sci & Tech
 - 2.13.1 Profile
 - 2.13.2 Lithium-Ion Battery Separator Type and Applications
 - 2.13.2.1 Type
 - 2.13.2.2 Type
- 2.13.3 Zhongke Sci & Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.13.4 Business Overview
 - 2.13.5 Zhongke Sci & Tech News
- 2.14 Cangzhou Mingzhu
 - 2.14.1 Profile
 - 2.14.2 Lithium-Ion Battery Separator Type and Applications
 - 2.14.2.1 Type
 - 2.14.2.2 Type
- 2.14.3 Cangzhou Mingzhu Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.14.4 Business Overview
 - 2.14.5 Cangzhou Mingzhu News
- 2.15 Suzhou GreenPower
 - 2.15.1 Profile
 - 2.15.2 Lithium-Ion Battery Separator Type and Applications
 - 2.15.2.1 Type
- .2.2 Type



- 2.15.3 Suzhou GreenPower Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.15.4 Business Overview
 - 2.15.5 Suzhou GreenPower News
- 2.16 Yiteng New Energy
 - 2.16.1 Profile
 - 2.16.2 Lithium-Ion Battery Separator Type and Applications
 - 2.16.2.1 Type
 - 2.16.2.2 Type
- 2.16.3 Yiteng New Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.16.4 Business Overview
 - 2.16.5 Yiteng New Energy News
- 2.17 Tianfeng Material
 - 2.17.1 Profile
 - 2.17.2 Lithium-Ion Battery Separator Type and Applications
 - 2.17.2.1 Type
 - 2.17.2.2 Type
- 2.17.3 Tianfeng Material Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.17.4 Business Overview
 - 2.17.5 Tianfeng Material News
- 2.18 DG Membrane Tech
 - 2.18.1 Profile
 - 2.18.2 Lithium-Ion Battery Separator Type and Applications
 - 2.18.2.1 Type
 - 2.18.2.2 Type
- 2.18.3 DG Membrane Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.18.4 Business Overview
- 2.18.5 DG Membrane Tech News
- 2.19 Newmi-Tech
 - 2.19.1 Profile
 - 2.19.2 Lithium-Ion Battery Separator Type and Applications
 - 2.19.2.1 Type
 - 2.19.2.2 Type
- 2.19.3 Newmi-Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.19.4 Business Overview



- 2.19.5 Newmi-Tech News
- 2.20 FSDH
 - 2.20.1 Profile
 - 2.20.2 Lithium-Ion Battery Separator Type and Applications
 - 2.20.2.1 Type
 - 2.20.2.2 Type
- 2.20.3 FSDH Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.20.4 Business Overview
 - 2.20.5 FSDH News
- 2.21 Hongtu LIBS Tech
 - 2.21.1 Profile
 - 2.21.2 Lithium-Ion Battery Separator Type and Applications
 - 2.21.2.1 Type
 - 2.21.2.2 Type
- 2.21.3 Hongtu LIBS Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.21.4 Business Overview
 - 2.21.5 Hongtu LIBS Tech News
- 2.22 Shanghai Energy
 - 2.22.1 Profile
 - 2.22.2 Lithium-Ion Battery Separator Type and Applications
 - 2.22.2.1 Type
 - 2.22.2.2 Type
- 2.22.3 Shanghai Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.22.4 Business Overview
 - 2.22.5 Shanghai Energy News
- 2.23 Gellec
 - 2.23.1 Profile
 - 2.23.2 Lithium-Ion Battery Separator Type and Applications
 - 2.23.2.1 Type
 - 2.23.2.2 Type
- 2.23.3 Gellec Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.23.4 Business Overview
 - 2.23.5 Gellec News
- 2.24 Zhenghua Separator
 - 2.24.1 Profile



- 2.24.2 Lithium-Ion Battery Separator Type and Applications
 - 2.24.2.1 Type
 - 2.24.2.2 Type
- 2.24.3 Zhenghua Separator Lithium-Ion Battery Separator Sales, Price, Revenue,
- Gross Margin and Market Share (2016-2017)
- 2.24.4 Business Overview
- 2.24.5 Zhenghua Separator News
- 2.25 Huiqiang New Energy
 - 2.25.1 Profile
 - 2.25.2 Lithium-Ion Battery Separator Type and Applications
 - 2.25.2.1 Type
 - 2.25.2.2 Type
- 2.25.3 Huiqiang New Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.25.4 Business Overview
- 2.25.5 Huiqiang New Energy News

3 NORTH AMERICA LITHIUM-ION BATTERY SEPARATOR MARKET COMPETITION, BY MANUFACTURER

- 3.1 North America Lithium-Ion Battery Separator Sales and Market Share by Manufacturer (2016-2017)
- 3.2 North America Lithium-Ion Battery Separator Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 North America Lithium-Ion Battery Separator Price by Manufacturers (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Lithium-Ion Battery Separator Manufacturer Market Share
 - 3.4.2 Top 5 Lithium-Ion Battery Separator Manufacturer Market Share
- 3.5 Market Competition Trend

4 NORTH AMERICA LITHIUM-ION BATTERY SEPARATOR MARKET ANALYSIS BY COUNTRIES

- 4.1 North America Lithium-Ion Battery Separator Sales Market Share by Countries
- 4.2 North America Lithium-Ion Battery Separator Sales by Countries (2012-2017)
- 4.3 North America Lithium-Ion Battery Separator Revenue (Value) by Countries (2012-2017)

5 NORTH AMERICA MARKET SEGMENTATION LITHIUM-ION BATTERY



SEPARATOR BY TYPE

- 5.1 North America Lithium-Ion Battery Separator Sales, Revenue and Market Share by Type (2012-2017)
- 5.1.1 North America Lithium-Ion Battery Separator Sales and Market Share by Type (2012-2017)
- 5.1.2 North America Lithium-Ion Battery Separator Revenue and Market Share by Type (2012-2017)
- 5.2 Monolayer Lithium-Ion Battery Separator Sales Growth and Price
- 5.2.1 North America Monolayer Lithium-Ion Battery Separator Sales Growth (2012-2017)
 - 5.2.2 North America Monolayer Lithium-Ion Battery Separator Price (2012-2017)
- 5.3 Bilayer Lithium-Ion Battery Separator Sales Growth and Price
 - 5.3.1 North America Bilayer Lithium-Ion Battery Separator Sales Growth (2012-2017)
 - 5.3.2 North America Bilayer Lithium-Ion Battery Separator Price (2012-2017)
- 5.4 Trilayer Lithium-Ion Battery Separator Sales Growth and Price
 - 5.4.1 North America Trilayer Lithium-Ion Battery Separator Sales Growth (2012-2017)
 - 5.4.2 North America Trilayer Lithium-Ion Battery Separator Price (2012-2017)

6 NORTH AMERICA MARKET SEGMENTATION LITHIUM-ION BATTERY SEPARATOR BY APPLICATION

- 6.1 North America Lithium-Ion Battery Separator Sales Market Share by Application (2012-2017)
- 6.2 Consumer Electronics Sales Growth (2012-2017)
- 6.3 Power Vehicle Sales Growth (2012-2017)
- 6.4 Electric Power Storage Sales Growth (2012-2017)
- 6.5 Industrial Use Sales Growth (2012-2017)

7 UNITED STATES LITHIUM-ION BATTERY SEPARATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 7.1 United States Lithium-Ion Battery Separator Revenue, Sales and Growth Rate (2012-2017)
- 7.2 United States Lithium-Ion Battery Separator Sales and Market Share by Type
- 7.3 United States Lithium-Ion Battery Separator Sales by Application (2012-2017)
- 7.4 United States Lithium-Ion Battery Separator Sales, Revenue and Market Share by Manufacturer
 - 7.4.1 United States Lithium-Ion Battery Separator Sales and Market Share by



Manufacturer

- 7.4.2 United States Lithium-Ion Battery Separator Revenue and Market Share by Manufacturer
- 7.5 United States Lithium-Ion Battery Separator Export and Import (2012-2017)

8 CANADA LITHIUM-ION BATTERY SEPARATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 8.1 Canada Lithium-Ion Battery Separator Revenue, Sales and Growth Rate (2012-2017)
- 8.2 Canada Lithium-Ion Battery Separator Sales and Market Share by Type
- 8.3 Canada Lithium-Ion Battery Separator Sales by Application (2012-2017)
- 8.4 Canada Lithium-Ion Battery Separator Sales, Revenue and Market Share by Manufacturer
- 8.4.1 Canada Lithium-Ion Battery Separator Sales and Market Share by Manufacturer
- 8.4.2 Canada Lithium-Ion Battery Separator Revenue and Market Share by Manufacturer
- 8.5 Canada Lithium-Ion Battery Separator Export and Import (2012-2017)

9 MEXICO LITHIUM-ION BATTERY SEPARATOR SALES, REVENUE, BY TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Mexico Lithium-Ion Battery Separator Revenue, Sales and Growth Rate (2012-2017)
- 9.2 Mexico Lithium-Ion Battery Separator Sales and Market Share by Type
- 9.3 Mexico Lithium-Ion Battery Separator Sales by Application (2012-2017)
- 9.4 Mexico Lithium-Ion Battery Separator Sales, Revenue and Market Share by Manufacturer
 - 9.4.1 Mexico Lithium-Ion Battery Separator Sales and Market Share by Manufacturer
- 9.4.2 Mexico Lithium-Ion Battery Separator Revenue and Market Share by Manufacturer
- 9.5 Mexico Lithium-Ion Battery Separator Export and Import (2012-2017)

10 LITHIUM-ION BATTERY SEPARATOR MARKET FORECAST (2017-2022)

- 10.1 North America Lithium-Ion Battery Separator Sales, Revenue and Growth Rate (2017-2022)
- 10.2 Lithium-Ion Battery Separator Market Forecast by Countries (2017-2022) 10.2.1 United States Lithium-Ion Battery Separator Forecast (2017-2022)



- 10.2.2 Canada Lithium-Ion Battery Separator Forecast (2017-2022)
- 10.2.3 Mexico Lithium-Ion Battery Separator Forecast (2017-2022)
- 10.3 Lithium-Ion Battery Separator Market Forecast by Type (2017-2022)
- 10.4 Lithium-Ion Battery Separator Market Forecast by Application (2017-2022)

11 LITHIUM-ION BATTERY SEPARATOR MANUFACTURING COST ANALYSIS

- 11.1 Lithium-Ion Battery Separator Key Raw Materials Analysis
 - 11.1.1 Key Raw Materials
 - 11.1.2 Price Trend of Key Raw Materials
 - 11.1.3 Key Suppliers of Raw Materials
 - 11.1.4 Market Concentration Rate of Raw Materials
- 11.2 Proportion of Manufacturing Cost Structure
 - 11.2.1 Raw Materials
 - 11.2.2 Labor Cost
- 11.2.3 Manufacturing Expenses
- 11.3 Manufacturing Process Analysis of Lithium-Ion Battery Separator

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 12.1 Lithium-Ion Battery Separator Industrial Chain Analysis
- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of Lithium-Ion Battery Separator Major Manufacturers in 2016
- 12.4 Downstream Buyers

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

- 13.1 Sales Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology



15.2 Analyst Introduction

15.3 Data Source



List Of Tables

LIST OF TABLES AND FIGURES

Figure Lithium-Ion Battery Separator Picture

Table Product Specifications of Lithium-Ion Battery Separator

Figure North America Sales Market Share of Lithium-Ion Battery Separator by Types in 2016

Table Types of Lithium-Ion Battery Separator

Figure Monolayer Lithium-Ion Battery Separator Picture

Table Major Manufacturers of Monolayer Lithium-Ion Battery Separator

Figure Bilayer Lithium-Ion Battery Separator Picture

Table Major Manufacturers of Bilayer Lithium-Ion Battery Separator

Figure Trilayer Lithium-Ion Battery Separator Picture

Table Major Manufacturers of Trilayer Lithium-Ion Battery Separator

Table North America Lithium-Ion Battery Separator Sales Market Share by Applications in 2016

Table Applications of Lithium-Ion Battery Separator

Figure Consumer Electronics Picture

Figure Power Vehicle Picture

Figure Electric Power Storage Picture

Figure Industrial Use Picture

Figure United States Lithium-Ion Battery Separator Revenue (Million USD) and Growth Rate (2012-2022)

Figure Mexico Lithium-Ion Battery Separator Revenue (Million USD) and Growth Rate (2012-2022)

Figure Canada Lithium-Ion Battery Separator Revenue (Million USD) and Growth Rate (2012-2022)

Table Asahi Kasei Basic Information, Manufacturing Base and Competitors

Table Asahi Kasei Lithium-Ion Battery Separator Type and Applications

Table Asahi Kasei Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table SK Innovation Basic Information, Manufacturing Base and Competitors

Table SK Innovation Lithium-Ion Battery Separator Type and Applications

Table SK Innovation Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Toray Basic Information, Manufacturing Base and Competitors

Table Toray Lithium-Ion Battery Separator Type and Applications

Table Toray Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and



Market Share (2016-2017)

Table Celgard Basic Information, Manufacturing Base and Competitors

Table Celgard Lithium-Ion Battery Separator Type and Applications

Table Celgard Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table UBE Basic Information, Manufacturing Base and Competitors

Table UBE Lithium-Ion Battery Separator Type and Applications

Table UBE Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sumitomo Chem Basic Information, Manufacturing Base and Competitors

Table Sumitomo Chem Lithium-Ion Battery Separator Type and Applications

Table Sumitomo Chem Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Entek Basic Information, Manufacturing Base and Competitors

Table Entek Lithium-Ion Battery Separator Type and Applications

Table Entek Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Evonik Basic Information, Manufacturing Base and Competitors

Table Evonik Lithium-Ion Battery Separator Type and Applications

Table Evonik Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table MPI Basic Information, Manufacturing Base and Competitors

Table MPI Lithium-Ion Battery Separator Type and Applications

Table MPI Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table W-SCOPE Basic Information, Manufacturing Base and Competitors

Table W-SCOPE Lithium-Ion Battery Separator Type and Applications

Table W-SCOPE Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Senior Tech Basic Information, Manufacturing Base and Competitors

Table Senior Tech Lithium-Ion Battery Separator Type and Applications

Table Senior Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Jinhui Hi-Tech Basic Information, Manufacturing Base and Competitors

Table Jinhui Hi-Tech Lithium-Ion Battery Separator Type and Applications

Table Jinhui Hi-Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Zhongke Sci & Tech Basic Information, Manufacturing Base and Competitors Table Zhongke Sci & Tech Lithium-Ion Battery Separator Type and Applications



Table Zhongke Sci & Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Cangzhou Mingzhu Basic Information, Manufacturing Base and Competitors
Table Cangzhou Mingzhu Lithium-Ion Battery Separator Type and Applications
Table Cangzhou Mingzhu Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Suzhou GreenPower Basic Information, Manufacturing Base and Competitors
Table Suzhou GreenPower Lithium-Ion Battery Separator Type and Applications
Table Suzhou GreenPower Lithium-Ion Battery Separator Sales, Price, Revenue, Gross
Margin and Market Share (2016-2017)

Table Yiteng New Energy Basic Information, Manufacturing Base and Competitors
Table Yiteng New Energy Lithium-Ion Battery Separator Type and Applications
Table Yiteng New Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross
Margin and Market Share (2016-2017)

Table Tianfeng Material Basic Information, Manufacturing Base and Competitors
Table Tianfeng Material Lithium-Ion Battery Separator Type and Applications
Table Tianfeng Material Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table DG Membrane Tech Basic Information, Manufacturing Base and Competitors
Table DG Membrane Tech Lithium-Ion Battery Separator Type and Applications
Table DG Membrane Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross
Margin and Market Share (2016-2017)

Table Newmi-Tech Basic Information, Manufacturing Base and Competitors
Table Newmi-Tech Lithium-Ion Battery Separator Type and Applications
Table Newmi-Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table FSDH Basic Information, Manufacturing Base and Competitors

Table FSDH Lithium-Ion Battery Separator Type and Applications

Table FSDH Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Hongtu LIBS Tech Basic Information, Manufacturing Base and Competitors
Table Hongtu LIBS Tech Lithium-Ion Battery Separator Type and Applications
Table Hongtu LIBS Tech Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Shanghai Energy Basic Information, Manufacturing Base and Competitors
Table Shanghai Energy Lithium-Ion Battery Separator Type and Applications
Table Shanghai Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross
Margin and Market Share (2016-2017)

Table Gellec Basic Information, Manufacturing Base and Competitors



Table Gellec Lithium-Ion Battery Separator Type and Applications
Table Gellec Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and
Market Share (2016-2017)

Table Zhenghua Separator Basic Information, Manufacturing Base and Competitors
Table Zhenghua Separator Lithium-Ion Battery Separator Type and Applications
Table Zhenghua Separator Lithium-Ion Battery Separator Sales, Price, Revenue, Gross
Margin and Market Share (2016-2017)

Table Huiqiang New Energy Basic Information, Manufacturing Base and Competitors Table Huiqiang New Energy Lithium-Ion Battery Separator Type and Applications Table Huiqiang New Energy Lithium-Ion Battery Separator Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table North America Lithium-Ion Battery Separator Sales by Manufacturer (2016-2017) Figure North America Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2016

Figure North America Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2017

Table North America Lithium-Ion Battery Separator Revenue by Manufacturer (2016-2017)

Figure North America Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2016

Figure North America Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2017

Table North America Lithium-Ion Battery Separator Price by Manufacturers (2016-2017)

Figure Top 3 Lithium-Ion Battery Separator Manufacturer Market Share in 2016

Figure Top 3 Lithium-Ion Battery Separator Manufacturer Market Share in 2017

Figure Top 5 Lithium-Ion Battery Separator Manufacturer Market Share in 2016

Figure Top 5 Lithium-Ion Battery Separator Manufacturer Market Share in 2017

Figure North America Lithium-Ion Battery Separator Sales and Growth (2012-2017)

Table North America Lithium-Ion Battery Separator Sales by Countries (2012-2017)

Table North America Lithium-Ion Battery Separator Sales Market Share by Countries (2012-2017)

Figure North America 2012 Lithium-Ion Battery Separator Sales Market Share by Countries

Figure North America 2016 Lithium-Ion Battery Separator Sales Market Share by Countries

Figure North America Lithium-Ion Battery Separator Revenue and Growth (2012-2017)
Table North America Lithium-Ion Battery Separator Revenue by Countries (2012-2017)
Table North America Lithium-Ion Battery Separator Revenue Market Share by Countries (2012-2017)



Table North America 2012 Lithium-Ion Battery Separator Revenue Market Share by Countries

Table North America 2016 Lithium-Ion Battery Separator Revenue Market Share by Countries

Table North America Lithium-Ion Battery Separator Sales by Type (2012-2017)

Table North America Lithium-Ion Battery Separator Sales Share by Type (2012-2017)

Table North America Lithium-Ion Battery Separator Revenue by Type (2012-2017)

Table North America Lithium-Ion Battery Separator Revenue Share by Type (2012-2017)

Figure North America Monolayer Lithium-Ion Battery Separator Sales Growth (2012-2017)

Figure North America Monolayer Lithium-Ion Battery Separator Price (2012-2017)

Figure North America Bilayer Lithium-Ion Battery Separator Sales Growth (2012-2017)

Figure North America Bilayer Lithium-Ion Battery Separator Price (2012-2017)

Figure North America Trilayer Lithium-Ion Battery Separator Sales Growth (2012-2017)

Figure North America Trilayer Lithium-Ion Battery Separator Price (2012-2017)

Table North America Lithium-Ion Battery Separator Sales by Application (2012-2017)

Table North America Lithium-Ion Battery Separator Sales Share by Application (2012-2017)

Figure North America Consumer Electronics Sales Growth (2012-2017)

Figure North America Power Vehicle Sales Growth (2012-2017)

Figure North America Electric Power Storage Sales Growth (2012-2017)

Figure North America Industrial Use Sales Growth (2012-2017)

Figure United States Lithium-Ion Battery Separator Revenue and Growth (2012-2017)

Figure United States Lithium-Ion Battery Separator Sales and Growth (2012-2017)

Table United States Lithium-Ion Battery Separator Sales by Type (2012-2017)

Table United States Lithium-Ion Battery Separator Sales Market Share by Type (2012-2017)

Table United States Lithium-Ion Battery Separator Sales by Application (2012-2017)

Table United States Lithium-Ion Battery Separator Sales Market Share by Application (2012-2017)

Table United States Lithium-Ion Battery Separator Sales by Manufacturer (2016-2017)

Figure United States Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2016

Figure United States Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2017

Table United States Lithium-Ion Battery Separator Revenue by Manufacturer (2016-2017)

Figure United States Lithium-Ion Battery Separator Revenue Market Share by



Manufacturer in 2016

Figure United States Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2017

Table United States Lithium-Ion Battery Separator Export and Import (2012-2017)

Figure Canada Lithium-Ion Battery Separator Revenue and Growth (2012-2017)

Figure Canada Lithium-Ion Battery Separator Sales and Growth (2012-2017)

Table Canada Lithium-Ion Battery Separator Sales by Type (2012-2017)

Table Canada Lithium-Ion Battery Separator Sales Market Share by Type (2012-2017)

Table Canada Lithium-Ion Battery Separator Sales by Application (2012-2017)

Table Canada Lithium-Ion Battery Separator Sales Market Share by Application (2012-2017)

Table Canada Lithium-Ion Battery Separator Sales by Manufacturer (2016-2017)

Figure Canada Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2016

Figure Canada Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2017

Table Canada Lithium-Ion Battery Separator Revenue by Manufacturer (2016-2017) Figure Canada Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2016

Figure Canada Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2017

Table Canada Lithium-Ion Battery Separator Export and Import (2012-2017)

Figure Mexico Lithium-Ion Battery Separator Revenue and Growth (2012-2017)

Figure Mexico Lithium-Ion Battery Separator Sales and Growth (2012-2017)

Table Mexico Lithium-Ion Battery Separator Sales by Type (2012-2017)

Table Mexico Lithium-Ion Battery Separator Sales Market Share by Type (2012-2017)

Table Mexico Lithium-Ion Battery Separator Sales by Application (2012-2017)

Table Mexico Lithium-Ion Battery Separator Sales Market Share by Application (2012-2017)

Table Mexico Lithium-Ion Battery Separator Sales by Manufacturer (2016-2017)

Figure Mexico Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2016

Figure Mexico Lithium-Ion Battery Separator Sales Market Share by Manufacturer in 2017

Table Mexico Lithium-Ion Battery Separator Revenue by Manufacturer (2016-2017) Figure Mexico Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2016

Figure Mexico Lithium-Ion Battery Separator Revenue Market Share by Manufacturer in 2017



Table Mexico Lithium-Ion Battery Separator Export and Import (2012-2017)

Figure North America Lithium-Ion Battery Separator Sales, Revenue and Growth Rate (2017-2022)

Table North America Lithium-Ion Battery Separator Sales Forecast by Countries (2017-2022)

Table North America Lithium-Ion Battery Separator Market Share Forecast by Countries (2017-2022)

Figure United States Lithium-Ion Battery Separator Sales Forecast (2017-2022)

Figure Canada Lithium-Ion Battery Separator Sales Forecast (2017-2022)

Figure Mexico Lithium-Ion Battery Separator Sales Forecast (2017-2022)

Table North America Lithium-Ion Battery Separator Sales Forecast by Type (2017-2022)

Table North America Lithium-Ion Battery Separator Market Share Forecast by Type (2017-2022)

Table North America Lithium-Ion Battery Separator Sales Forecast by Application (2017-2022)

Table North America Lithium-Ion Battery Separator Market Share Forecast by Application (2017-2022)

Table Sales Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Lithium-Ion Battery Separator

Figure Manufacturing Process Analysis of Lithium-Ion Battery Separator

Figure Lithium-Ion Battery Separator Industrial Chain Analysis

Table Raw Materials Sources of Lithium-Ion Battery Separator Major Manufacturers in 2016

Table Major Buyers of Lithium-Ion Battery Separator

Table Distributors/Traders/ Dealers List



I would like to order

Product name: North America Lithium-Ion Battery Separator Market by Manufacturers, Countries, Type

and Application, Forecast to 2022

Product link: https://marketpublishers.com/r/N49C9BF370DEN.html

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/N49C9BF370DEN.html

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

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 https://marketpublishers.com/docs/terms.html

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

