

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 2988.1 million in 2023 and is forecast to a readjusted size of USD 3666.6 million by 2030 with a CAGR of 3.0% during review period.

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.

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 Electronic Products (Weaving Membrane, Nonwoven Membrane), Electric Vehicles (Weaving Membrane, Nonwoven Membrane), 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 Units), revenue generated, and market share of different by Type (e.g., Weaving Membrane, Nonwoven Membrane).

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 (Electronic Products, Electric Vehicles).

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

Weaving Membrane

Nonwoven Membrane

Microporous Membrane

Composite Membrane

Other

Market segment by Application

Electronic Products

Electric Vehicles

Solar Power Plants

Other

Major players covered

Celgard

UBE

Asahi-Kasei

Tonen

SK

Entek

TDK

Sumitomo Chemical

Foshan Jinhui Hi-tech

Shenzhen Senior

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.

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