

Global Lithium-Ion Battery (LIB) Separator Market Growth 2023-2029

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Abstracts

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A battery separator is a polymeric membrane placed between the positively charged anode and negatively charged cathode to prevent an electrical short circuit. The separator is a microporous layer that is moistened by the electrolyte that acts as a catalyst to increase the movement of ions from one electrode to the other electrode. When the battery is charging the ions move from cathode to anode and when the battery gets discharged the ions will move in the reverse direction. The separator controls the number of ions moving between the positive and negative terminal and hence it is responsible for the leakage of ions (self-discharge) when the battery is ideal. Although the ions pass through the separator freely it will not have any electrical conductivity and it always acts as an isolator.

LPI (LP Information)'s newest research report, the "Lithium-Ion Battery (LIB) Separator Industry Forecast" looks at past sales and reviews total world Lithium-Ion Battery (LIB) Separator sales in 2022, providing a comprehensive analysis by region and market sector of projected Lithium-Ion Battery (LIB) Separator sales for 2023 through 2029. With Lithium-Ion Battery (LIB) Separator sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Lithium-Ion Battery (LIB) Separator industry.

This Insight Report provides a comprehensive analysis of the global Lithium-Ion Battery (LIB) Separator landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Lithium-Ion Battery (LIB) Separator portfolios and capabilities, market entry strategies,

market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Lithium-Ion Battery (LIB) Separator market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lithium-Ion Battery (LIB) Separator and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Lithium-Ion Battery (LIB) Separator.

The global Lithium-Ion Battery (LIB) Separator market size is projected to grow from US\$ 2840.8 million in 2022 to US\$ 3545.4 million in 2029; it is expected to grow at a CAGR of 3545.4 from 2023 to 2029.

Global lithium-ion battery separator key players include Asahi Kasei, Toray, SK Innovation, UBE, Senior Tech, etc. Global 5 four manufacturers hold a share about 60%.

China is the largest market, with a share about 45%, followed by Japan and South Korea, both have a share over 44%.

In terms of application, the largest application is consumer electronics, followed by power vehicle, etc.

This report presents a comprehensive overview, market shares, and growth opportunities of Lithium-Ion Battery (LIB) Separator market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Single-Layer (PP/PE)

Bilayer (PP/PE, PP/PP)

Trilayer (PP/PE/PP)

Segmentation by application

Vehicles

Consumer Electronics

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Asahi Kasei

Dreamweaver

Entek

Evonik

SK Innovation

Toray

UBE Industries

Sumitomo Chem

Mitsubishi Chemical

Teijin

W-SCOPE

SEMCORP

Senior Technology Material

Jinhui Hi-Tech

Zhongke Science & Technology

Cangzhou Mingzhu

Sinoma Science & Technology

ZIMT

Tianfeng Material

DG Membrane Tech (SOJO Group)

Newmi-Tech

Hongtu LIBS Tech

Gellec

Zhenghua Separator

Huiqiang New Energy

Key Questions Addressed in this Report

What is the 10-year outlook for the global Lithium-Ion Battery (LIB) Separator market?

What factors are driving Lithium-Ion Battery (LIB) Separator market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Lithium-Ion Battery (LIB) Separator market opportunities vary by end market size?

How does Lithium-Ion Battery (LIB) Separator break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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