

# Global Market Analysis of Separator for Lithium Ion Battery

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## Abstracts

The global demand for separators used in lithium rechargeable batteries reached 630 million in 2013, which is twice the level of 2010 (365 million), and is expected to grow at 24% GAGR till 2020, reaching 3,022 million after six years. Although 16% of the entire separator market was occupied by medium to large sized battery applications, small-sized applications are expected to be on an equal with their counterpart in terms of market demand by 2019. In 2010, those used in medium to large sized batteries accounted for only 0.3% of the entire separator demand.

Based on revenue, the market already exceeded \$1 billion in 2012 and is expected to triple, exceeding \$3 billion by 2020.

This report examines of the functions of separators, which determine safety of LIBs and provides a close look at a newly emerging technology coated separators. Coated separators are expected to grow rapidly and serve as a new market driver for the overall separator market in the future. This report also provides market analyses and forecasts of coated separator products and potential applications.

In particular, this report covers important market issues in seven sectors along with analyses for each issue. It also provides market forecasts for EV and ESS applications, and analyzes future trends in separator technology development, including detailed descriptions of coated separators and solid electrolytes.

## Strong Points of This Report

Focus on market analyses

## Separator purchasing trend of LIB makers

Trend of separator makers

Intensive analyses of Top 7 market issues (emerging markets, battery safety, coated separators, Chinese separator manufacturers, and related patents)

## Contents

### **1 MARKET ANALYSIS**

- 1.1 Battery Demand Forecast ( ~ 2020) - IT, EV & ESS application, by type
- 1.2 Separator Market Forecast ( ~ 2020) - by application, by type, by area, by amount, price trend
- 1.3 The Status of Purchase by Cell Maker
- 1.4 The Status of Supply by Separator Maker
- 1.5 Portfolio Analysis - separator makers & customer balance
- 1.6 Others - EV application, process, design factors

### **2 MARKET ISSUE ANALYSIS**

- 2.1 Increasing EV Market - EV market forecast
- 2.2 Increasing ESS Market - ESS market forecast
- 2.3 Safety Issue
- 2.4 Chinese Separator Makers are coming - 20 Chinese separator makers
- 2.5 Coated Separator - ceramic coated separator technology & market, market forecast
- 2.6 All Solid-state Electrolyte
- 2.7 Patent related to Surface Treatment of Separator

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