

# Global Rechargeable Battery Market: Trends and Opportunities (2015-2019)

December 2015



# Global Rechargeable Battery Market Report

## Scope of the Report

The report titled “Global Rechargeable Battery Market: Trends & Opportunities (2015-2019)” provides an in-depth analysis of the global rechargeable battery market with detailed analysis of market sizing and growth, market share and economic impact of the industry. The report also provides market size of automotive rechargeable battery market. The report provides detailed market share analysis of the global automotive rechargeable battery market by types and players. The report provides detail market analysis of China of the electric vehicle rechargeable battery market. China electric vehicle rechargeable battery market is analyzed on the basis of the electric vehicle market. The electric vehicle market is analyzed by electric vehicle and electric buses sales volume. The market grew tremendously in the year 2014 as compared to the previous year 2013 due to the government policies implemented to foster the industry, increased consumer demand and corporate innovations. The rise in electric vehicles market signifies the expansion in the automotive rechargeable batteries.

The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global rechargeable battery market has also been forecasted for the period 2015-2019, taking into consideration the previous growth patterns, the growth drivers and the current and future trends. The competition in global rechargeable battery market is stiff and dominated by the big players like ALK-Abello. Further, key players of the rechargeable battery market Samsung SDI, LG Chem and Ecorpo are also profiled with their financial information and respective business strategies.

## Country Coverage

China

## Company Coverage

Samsung SDI Co.Ltd.

LG Chem Ltd.

Ecorpo Co. Ltd.

## **Executive Summary**

A rechargeable battery is an energy storage device that can be charged again after being discharged. Electric vehicle (EV) rechargeable batteries are quite different from those used in consumer electronic devices such as laptops and cell phones. They are required to handle high power and high energy capacity within a limited space and weight and at an affordable price. EV rechargeable batteries can be categorized in the two types: Nickel Metal Hydride (NiMH) batteries and Lithium-ion (Li-ion) batteries.

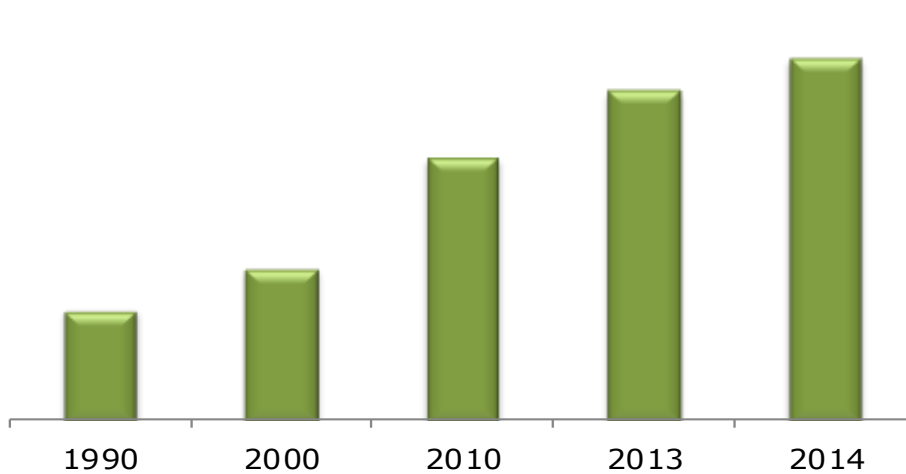
Global rechargeable battery market increased at a significant CAGR during the span of 25 years i.e. 1990-2014 and projections are made that the market would rise in the next five years i.e. 2015-2019 tremendously. Global automotive rechargeable battery market is a segment of global rechargeable battery market which displayed an increase, driving the global rechargeable battery market. The upsurge in the market was due to the increased usage of different electronic devices and products which are operated by rechargeable batteries.

Global eco-friendly vehicle market is the major driver for the automotive rechargeable battery market as automotive rechargeable battery is the driving force of the product. Thus, the increased number of eco-friendly vehicles signifies the upsurge in the automotive rechargeable battery market as the number of eco-friendly vehicles equals the number of automotive rechargeable batteries installed. The other growth drivers for the market are: growing integration of complicated electronics & energy recovery systems, expansion of electric vehicle market and the decrease in the prices of lithium-ion batteries. Despite the market is governed by various growth drivers, there are certain challenges faced by the market such as: safety issues, life span problems, performance issues, charging time and specific energy & specific power.

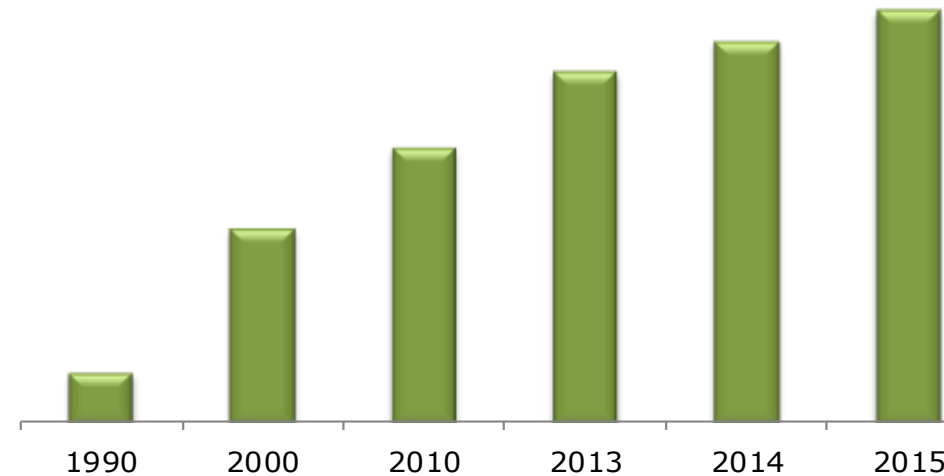
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The market increased at a CAGR of 5.06% during the period 1990-2014 from US\$17.95 billion in the year 1990 to US\$58.63 billion in the year 2014.

Global Rechargeable Battery Market by Value;  
1990-2014



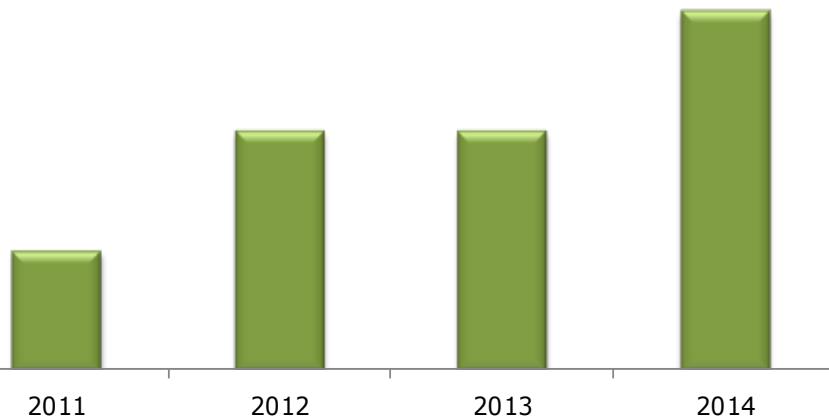
Global Rechargeable Battery Market by Volume;  
1990-2015E



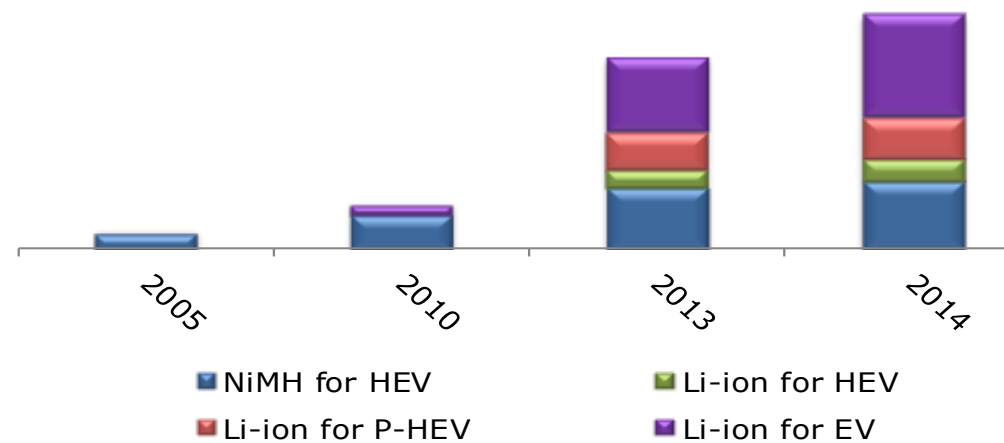
Global Rechargeable Battery market is projected to grow at a CAGR of ...% from US\$... billion in the year 2015 to US\$... billion in the year 2019 due to is the inclination of consumers towards environmental friendly electronic products as well as towards portable products which use rechargeable battery as their driving component.

# Global Rechargeable Battery Market Analysis

Global Automotive Rechargeable Battery Market by Volume; 2011-2014



Global Automotive Rechargeable Battery Market by Type; 2005-2014



Global Automotive Rechargeable Battery Cost; 2011-2014

