

Global Battery Market by Battery Types, Transport Segments, Regions, Companies

<https://marketpublishers.com/r/G97A05FDE18EN.html>

Date: July 2019

Pages: 0

Price: US\$ 1,995.00 (Single User License)

ID: G97A05FDE18EN

Abstracts

Global Battery Market has bright future as demand for battery enabled vehicles is expanding extensively since governments all over the world are supporting green energy and eco-friendly mode of transportation to control air pollution and carbon emission. For this, numerous automotive battery producers around the globe are getting abundant subsidies to enhance production capacity. Automotive batteries are also called rechargeable batteries. The primary purpose of automotive battery is to provide electric energy to vehicles used for SLI (starting, lighting, and ignition). Other than supplying power it also works as voltage stabilizer. Automotive batteries other function is to provide power to air conditioners, music systems and wipers etc. Global Battery Market is expected to be more than USD 126 Billion by the end of the year 2025.

Earlier most of the automobile uses lead-acid batteries. But currently, the Lithium-ion battery is considered to be the most compatible batteries, which helps to run both large vehicles as well as small vehicle efficiently and effectively. Lithium-ion batteries are mostly used in the automotive industry, for instance, electric vehicle, hybrid electric vehicle and e-bus etc whereas lead-acid batteries are generally used in e-bike and e-three wheelers (e-rikshwa). The factors driving the market are the fast charging capabilities of the lithium-ion battery which is enforcing the electric vehicle manufacturer to adopt the technology at a rapid pace. Besides, the demand for the Lithium-ion battery is growing drastically in various applications like automotive and industrial because of systematically decline in the price of the lithium-ion battery.

Renub Research latest report 'Global Battery Market by Battery Types (SLI, Lithium-ion, Lead Acid, Nickel–Metal Hydride Battery - NIMH), Transport Segments (Bikes, Automotive, Marine, Forklift), Regions (North America, Western Europe, Eastern Europe, Asia Pacific, Latin America, Middle East), Companies (Continental AG, BYD

Corporation Ltd, Exide Technology, Samsung SDI, SANYO-PANASONIC, LG Chem. Power Amperex Technology Limited)' provides a detailed and comprehensive insight of the Global Battery Market.

Automotive Battery is the largest segment in Global Battery Market

This report is classified into four transportation mode: Automotive, Marine, Bikes and Forklift. The market of automotive battery is quite significant as compared to other segment in this report. Marine battery market is comparatively new discoveries and involved varieties of risk. Therefore further R&D is required to ensure 100% safety of battery in marine industry.

Regions - Global Battery Market Analysis

This chapter gives complete insight on global battery market on regional front such as Western Europe, Asia Pacific, North America, Eastern Europe, Middle East and Latin America. According to Renub Research Analysis, there is huge potential of battery market in Asia Pacific regions.

Battery Type - Global Battery Market

There are various batteries used in transportation, but in this chapter, we have taken three major batteries; Lithium-ion Battery, Lead Acid Battery, Nimh and others.

Companies Analysis

The key players in this industry include Continental AG, BYD Corporation, Exide Technology, Samsung SDI, Sanyo Panasonic, LG Chemical, Amperex Technology Limited (ATL). The company focuses on the development of new products, partnerships and acquisitions to maintain their positions in the market.

All the 7 companies studied in the report have been studied from 3 points

Overview

Business Strategy

Sales Value

Types of Battery Market

Lithium-ion Battery Market

Nickel–Metal Hydride Battery (NIMH) Market

Others Automotive Battery Market

Lead Acid Battery Market

SLI (Start, Light & Ignition) Battery Market

By Mode of Transport – Global Battery Market

Automotive

Marine

E-Bike

Forklift

By Regions – Global Battery Market

North America

Western Europe

Eastern Europe

Asia Pacific

Latin America

Middle East

Companies – Recent Developments, Sales Covered in the report

1. Continental AG
2. BYD Corporation
3. Exide Technology
4. Samsung SDI
5. Sanyo Panasonic
6. LG Chemical
7. Amperex Technology Limited (ATL)

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