

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)

Contents

1. INTRODUCTION

2. RESEARCH & METHODOLOGY

3. EXECUTIVE SUMMARY

4. GLOBAL BATTERY MARKET (2012 – 2025)

5. TRANSPORT SEGMENTS – GLOBAL BATTERY MARKET (2012 – 2025)

5.1 Automotive

5.2 Marine

5.3 E-Bikes

5.4 Forklift

5.5 SLI (Start, Light & Ignition) Battery

6. MARKET SHARE – GLOBAL BATTERY MARKET

6.1 By Transport Segments

6.2 By Automotive Battery Type

6.3 By E-bike Battery Type

6.4 By Forklift Battery Type

7. BATTERY TYPE – GLOBAL BATTERY MARKET (2012 – 2025)

7.1 Automotive Battery Market

7.1.1 Lithium-ion Battery

7.1.2 Nickel–Metal Hydride Battery (NIMH)

7.1.3 Others Automotive Battery

7.2 E-Bikes – Global Battery Market

7.2.1 Lithium-ion Battery

7.2.2 Lead Acid

7.3 By Forklift – Global Battery Market

7.3.1 Lithium-ion Battery

7.3.2 Lead Acid

8. REGIONS – AUTOMOTIVE BATTERY MARKET

- 8.1 North America
- 8.2 Western Europe
- 8.3 Eastern Europe
- 8.4 Asia Pacific
- 8.5 Latin America
- 8.6 Middle East

9. REGIONS – E-BIKES BATTERY MARKET

- 9.1 Asia-Pacific
 - 9.1.1 China
 - 9.1.2 Rest of Asia-Pacific
- 9.2 Western Europe
 - 9.2.1 Germany
 - 9.2.2 France
 - 9.2.3 Rest of western Europe
- 9.3 North America
- 9.4 Latin America
- 9.5 Middle East & Africa
- 9.6 Eastern Europe

10. PORTER ANALYSIS OF BATTERY INDUSTRY

11. CONTINENTAL AG (GERMANY) – COMPANY ANALYSIS

- 11.1 Overview
- 11.2 Initiatives/Recent Developments
 - 11.2.1 Point No.
 - 11.2.2 Point No.
 - 11.2.3 Point No.
 - 11.2.4 Point No.
- 11.3 Sales Value (Billion US\$)

12. BYD CORPORATION LTD – COMPANY ANALYSIS

- 12.1 Overview
- 12.2 Initiatives/Recent Developments
 - 12.2.1 Point No.

- 12.2.2 Point No.
- 12.2.3 Point No.
- 12.2.4 Point No.
- 12.3 Sales Value (Billion US\$)

13. EXIDE TECHNOLOGY – COMPANY ANALYSIS

- 13.1 Overview
- 13.2 Initiatives/Recent Developments
 - 13.2.1 Point No.
 - 13.2.2 Point No.
 - 13.2.3 Point No.

14. SAMSUNG SDI – COMPANY ANALYSIS

- 14.1 Overview
- 14.2 Initiatives/Recent Developments
 - 14.2.1 Point No.
 - 14.2.2 Point No.
 - 14.2.3 Point No.
- 14.3 Sales Value (Million US\$)

15. SANYO-PANASONIC – COMPANY ANALYSIS

- 15.1 Overview
- 15.2 Initiatives/Recent Developments
 - 15.2.1 Point No.
 - 15.2.2 Point No.
- 15.3 Sales Value (Million US\$)

16. LG CHEM. POWER (LGCPI) – COMPANY ANALYSIS

- 16.1 Overview
- 16.2 Initiatives/Recent Developments
 - 16.2.1 Point No.
 - 16.2.2 Point No.
 - 16.2.3 Point No.
 - 16.2.4 Point No.
- 16.3 Sales Value (Million US\$)

17. AMPEREX TECHNOLOGY LIMITED (ATL) – COMPANY ANALYSIS

17.1 Overview

17.2 Initiatives/Recent Developments

17.2.1 Point No.

17.2.2 Point No.

17.3 Sales Value (Million US\$)

18. DRIVING FACTORS

18.1 Growth in Transportation Needs

18.2 Growing Demand of Electric Powered Vehicles

18.3 Continuous Decline of Lithium-ion Battery Prices

19. CHALLENGES

19.1 Stringent Lead Pollution Norms that are affecting the Manufacturers

19.2 High Import Taxes

19.3 Grid Flexibility

LIST OF FIGURE

Figure 4 1: Global - Battery Market (Million US\$), 2012 – 2018

Figure 4 2: Global - Forecast for Battery Market (Million US\$), 2019 – 2025

Figure 5 1: Global - Automotive Battery Market (Million US\$), 2012 – 2018

Figure 5 2: Global - Forecast for Automotive Battery Market (Million US\$), 2019 - 2025

Figure 5 3: Global - Marine Battery Market (Million US\$), 2012 – 2018

Figure 5 4: Global - Forecast for Marine battery market (Million US\$), 2019 – 2025

Figure 5 5: Global - E-Bikes Battery Market (Million US\$), 2012 – 2018

Figure 5 6: Global - Forecast for E-Bikes Battery Market (Million US\$), 2019 – 2025

Figure 5 7: Global - Forklift Battery Market (Million US\$), 2012 – 2018

Figure 5 8: Global - Forecast for Forklift Battery Market (Million US\$), 2019 – 2025

Figure 5 9: Global - Automotive Start, light and ignition battery market (Million US\$), 2012 – 2018

Figure 5 10: Global - Forecast for Automotive Start, light and ignition battery market (Million US\$), 2019 - 2025

Figure 6 1: Global – Battery Market Share by Transportation Mode (Percent), 2012 – 2018

Figure 6 2: Global – Forecast for Battery Market Share by Transportation Mode (Percent), 2019 – 2025

Figure 6 3: Global – Automotive Market Share by Battery Type (Percent), 2012 – 2018

Figure 6 4: Global – Forecast for Automotive Market Share by Battery Type (Percent), 2019 – 2025

Figure 6 5: Global – E-bike Market Share by Battery Type (Percent), 2012 – 2018

Figure 4 6: Global – Forecast for E-bike Market Share by Battery Type (Percent), 2019 – 2025

Figure 6 7: Global – Forklift Market Share by Battery Type (Percent), 2012 – 2018

Figure 6 8: Global – Forecast for Forklift Market Share by Battery Type (Percent), 2019 – 2025

Figure 7 1: Global - Automotive Lithium-ion Battery Market (Million US\$), 2012 - 2018

Figure 7 2: Global - Forecast for Automotive Lithium-ion Battery Market (Million US\$), 2019 - 2025

Figure 7 3: Global - Automotive Nickel–Metal Hydride Battery Market (Million US\$), 2012 - 2018

Figure 7 4: Global - Forecast for Automotive Nickel–Metal Hydride Battery Market (Million US\$), 2019 - 2025

Figure 7 5: Global - Others Automotive Battery Market (Million US\$), 2012 – 2018

Figure 7 6: Global - Forecast for Others Automotive Battery Market (Million US\$), 2019 – 2025

Figure 7 7: Global – E-Bikes Market by Lithium-ion Battery (Million US\$), 2012 – 2018

Figure 7 8: Global – Forecast for E-Bikes Market by Lithium-ion Battery (Million US\$), 2019 – 2025

Figure 7 9: Global – E-Bikes Market by Lead-Acid Battery (Million US\$), 2012 – 2018

Figure 7 10: Global – Forecast for E-Bikes Market by Lead-Acid Battery (Million US\$), 2019 – 2025

Figure 7 11: Global - Forklift Battery Market by Lithium-ion Battery (Million US\$), 2012 – 2018

Figure 7 12: Global – Forecast for Forklift Battery Market by Lithium-ion Battery (Million US\$), 2019 – 2025

Figure 7 13: Global - Forklift Battery Market by Lead Acid (Million US\$), 2012 – 2018

Figure 7 14: Global – Forecast for Forklift Battery Market by Lead Acid (Million US\$), 2019 – 2025

Figure 8 1: North America - Automotive Battery Market (Million US\$), 2012 – 2018

Figure 8 2: North America - Forecast for Automotive Battery Market (Million US\$), 2019 - 2025

Figure 8 3: Western Europe - Automotive Battery Market (Million US\$), 2012 – 2018

Figure 8 4: Western Europe - Forecast for Automotive Battery Market (Million US\$),

2019 – 2025

Figure 8 5: Eastern Europe - Automotive Battery Market (Million US\$), 2017 - 2018

Figure 8 6: Eastern Europe - Forecast for Automotive Battery Market (Million US\$), 2019 – 2025

Figure 8 7: Asia Pacific - Automotive Battery Market (Million US\$), 2012 – 2018

Figure 8 8: Asia Pacific - Forecast for Automotive Battery Market (Million US\$), 2019 – 2025

Figure 8 9: Latin America - Automotive Battery Market (Million US\$), 2017 - 2018

Figure 8 10: Latin America - Forecast for Automotive Battery Market (Million US\$), 2019 – 2025

Figure 8 11: Middle East - Automotive Battery Market (Million US\$), 2015 – 2018

Figure 8 12: Middle East - Forecast for Automotive Battery Market (Million US\$), 2019 – 2025

Figure 9 1: Asia Pacific - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 2: Asia Pacific - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 3: China - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 4: China - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 5: Rest of Asia Pacific - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 6: Rest of Asia Pacific - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 7: Western Europe - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 8: Western Europe - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 9: Germany - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 10: Germany - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 11: France - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 12: France - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 13: Rest of Western Europe - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 14: Rest of Western Europe - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 15: North America - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 16: North America - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 17: Latin America - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 18: Latin America - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 19: Middle East & Africa - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 20: Middle East & Africa - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 9 21: Eastern Europe - E-Bike Battery Market (Million US\$), 2012 – 2018

Figure 9 22: Eastern Europe - Forecast for E-Bike Battery Market (Million US\$), 2019 – 2025

Figure 11 1: Global - Continental AG Automotive Battery sales (Billion US\$), 2012 - 2018

Figure 11 2: Global – Forecast for Continental AG Automotive Battery sales (Billion US\$), 2019 - 2025

Figure 12 1: Global - BYD Corporation Ltd. Automotive Battery Sales (Billion US\$), 2012 - 2018

Figure 12 2: Global – Forecast for BYD Corporation Ltd. Automotive Battery Sales (Billion US\$), 2019 - 2025

Figure 14 1: Global - Samsung SDI Sales (Million US\$), 2012 – 2018

Figure 14 2: Global - Forecast for Samsung SDI Sales (Million US\$), 2019 – 2025

Figure 15 1: Global - SANYO-Panasonic Sales (Million US\$), 2012 – 2018

Figure 15 2: Global - Forecast for SANYO-Panasonic Sales (Million US\$), 2019 – 2025

Figure 16 1: Global - LG Chem Sales (Million US\$), 2012 – 2018

Figure 16 2: Global - Forecast for LG Chem Sales (Million US\$), 2019 – 2025

Figure 17 1: Global - ATL Sales (Million US\$), 2015 – 2018

Figure 17 2: Global - Forecast for ATL Sales (Million US\$), 2019 – 2025

Figure 18 1: Global - Lithium-ion Battery Price Survey (US\$/KWH), 2011 – 2017

List Of Tables

LIST OF TABLES

Table 19 1: Global – Lithium-ion Battery Export by Country (Million US\$), 2018

I would like to order

Product name: Global Battery Market by Battery Types, Transport Segments, Regions, Companies

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

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G97A05FDE18EN.html>