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Global Battery Market Research and Forecast, 2018-2023

https://marketpublishers.com/r/GF90285F96EEN.html
Date: November 2018
Pages: 0
Price: US$ 3,600.00 (Single User License)
ID: GF90285F96EEN

Abstracts

Global battery market is expected to grow at a significant rate during the forecast period. The growth is attributed to strong demand for consumer electronics, growing demand for transportation and fuel saving. Government incentives for cleaner transportation and new hybrid and electric automotive models from Original Equipment Manufacturers (OEMs). The demand for batteries used in automobiles, two-wheelers, aircraft, and marine vessels is directly proportional to the demand for these modes of transportation. Rising popularity of consumer electronics on a global level is expected to result in high lithium ion batteries over the forecast period. High demand for portable electronics including smartphones, LCD displays, tablets and wearable devices such as fitness bands propel battery market growth.

Electric power is cheaper and cleaner than conventional fuels, which helps in the reduction of CO2 emissions which are responsible for global warming. Technological advancements in the field of alternative fueled vehicles such as electric vehicles are estimated to present an attractive opportunity for the market players. Stringent emission norms by governments of developed nations including the US and UK coupled with rising focus towards fuel efficiency is expected to propel market demand. Moreover, the increasing growth in smart grid technologies has given rise to the need for stability and management of electricity within grids.

Global battery market is segmented on the basis of category, type, and application. On the basis of type, the market is further sub-divided into primary battery and secondary battery. Based on the type, the market Li-Ion battery, Ni-MH battery, Nickel Cadmium battery, lead acid battery, and other batteries. Moreover, as per application, the market is further diversified as an automotive application, industrial application, household application, telecommunication, and other applications.

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The global battery market is further analyzed into the geographical regions that are contributing significantly towards the growth of the market. Asia-Pacific is estimated to hold the dominant position in the global battery market due to the high adoption of consumer electronics in the region. Moreover, India and China are key manufacturing countries in the consumer electronics segment owing to the availability of skilled labor and low production and setup costs. Moreover, North America and Europe are expected to witness significant growth on account of rising electric vehicle production.

Some of the key players operating in the global battery market include Exide Technologies, Robert Bosch GmbH, Saft Groupe SA, and Panasonic Corporation, among others. At present, the growth strategies that largely drive market include product launch, acquisition, and partnership. For instance, Saft along with the ThyssenKrupp Marine Systems in October 2018, has developed a new lithium-ion battery system for submarines with a much higher lifetime.

RESEARCH METHODOLOGY

The market study of the battery market is incorporated by extensive primary and secondary research conducted by the research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country-level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior, and macroeconomic factors. Numbers extracted from secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

SECONDARY SOURCES INCLUDE

Financial reports of companies involved in the market

Whitepapers, research-papers, and news blogs

Company websites and their product catalog

Authenticate databases such as Department of Energy, the US Energy Information Administration, and others

The report is intended to battery manufacturer, automotive company, aerospace and defense industry, government organization, for overall market analysis, and competitive analysis. The report provides an in-depth analysis of pricing, market size, intended quality of the product preferred by consumers. The report will serve as a source for 360-degree analysis of the market thoroughly delivering insights into the market for better business decisions.

MARKET SEGMENTATION

Global battery market is segmented based on regional outlook and following segments:

1. Global battery Market Research and Analysis, By Category
2. Global battery Market Research and Analysis, By Type
3. Global battery Market Research and Analysis, By Application
4. Global battery Market Research and Analysis, By Region

THE REPORT COVERS

Comprehensive research methodology of the global battery market.

This report also includes a detailed and extensive market overview with key analyst insights.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global battery market.

Insights about market determinants which are stimulating the global battery market.

Detailed and extensive market segments with regional distribution of forecasted

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revenues.

Extensive profiles and recent developments of market players.

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Contents

CHAPTER 1. REPORT SUMMARY

1.1. Research Methods and Tools
1.2. Market Breakdown
  1.2.1. By Segments
  1.2.2. By Geography
  1.2.3. By Stakeholders

CHAPTER 2. MARKET OVERVIEW AND INSIGHTS

2.1. Definition
2.2. Analyst Insight & Current Market Trends
  2.2.1. Key Findings
  2.2.2. Recommendation
  2.2.3. Conclusion
2.3. Regulations
  2.3.1. United States
  2.3.2. Europe Union
  2.3.3. China
  2.3.4. India

CHAPTER 3. MARKET DETERMINANTS

3.1. Motivators
  3.1.1. Strong demand for consumer electronics
  3.1.2. Rise in demand for Transportation
  3.1.3. Rising Fund to Encourage Market Players
  3.1.4. Presence of Large Number of Market players
3.2. Restraints
  3.2.1. High Cost of Battery Systems
3.3. Opportunities
  3.3.1. Growing Demand in Electric Vehicle Market
  3.3.2. Technological Innovation in Battery

CHAPTER 4. MARKET SEGMENTATION

4.1. Global Battery Market by Category

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4.1.1. Primary
4.1.2. Secondary
4.2. Global Battery Market by Type
4.2.1. Lithium Ion (Li-Ion)
4.2.2. Nickel-Metal Hydride (NI-MH)
4.2.3. Nickel Cadmium
4.2.4. Lead Acid
4.2.5. Others
4.3. Global Battery Market by Application
4.3.1. Automotive
4.3.2. Industrial
4.3.3. Household
4.3.4. Telecommunication
4.3.5. Others

CHAPTER 5. COMPETITIVE LANDSCAPE

5.1. Key Strategy Analysis
5.2. Key Company Analysis

CHAPTER 6. REGIONAL ANALYSIS

6.1. North America
6.1.1. United States
6.1.2. Canada
6.2. Europe
6.2.1. UK
6.2.2. Germany
6.2.3. Italy
6.2.4. Spain
6.2.5. France
6.2.6. RoE
6.3. Asia-Pacific
6.3.1. India
6.3.2. China
6.3.3. Japan
6.3.4. Rest of Asia-Pacific
6.4. Rest of the World

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CHAPTER 7. COMPANY PROFILES

7.1. A123 systems, LLC
7.2. AES Energy Storage, LLC
7.3. AGM Batteries Ltd.
7.4. Akzo Nobel N.V.
7.5. Alevo Group S.A.
7.6. Altair Nanotechnologies Inc.
7.7. Ambri Inc.
7.8. American Elements
7.9. Aquion Energy Inc.
7.10. Ashland Global Specialty Chemicals Inc.
7.11. Automotive Energy Supply Corporation
7.12. BASF SE
7.13. Boston-power, Inc.
7.14. Broadbit Batteries Oy
7.15. BYD Auto Co. Ltd.
7.16. Ceramatec Inc.
7.17. Contemporary Amperex Technology Co., Ltd.
7.18. Energus Power Solutions, Ltd.
7.19. Exide Technologies
7.20. Faradion Ltd.
7.21. General Electric
7.22. GS Yuasa International Ltd.
7.23. Hitachi Chemical Co., Ltd
7.24. Johnson Controls International PLC
7.25. LG Chem Ltd.
7.26. MaxPower Inc.
7.27. Mitsui & Co. Ltd.
7.28. NEI Corporation
7.29. NGK Insulators Ltd.
7.30. OXIS Energy Ltd.
7.31. Panasonic Corporation
7.32. ProLogium Technology Co., Ltd.
7.33. Robert Bosch GmbH
7.34. Saft Groupe SA
7.35. Samsung Group
7.36. Siemens AG
7.37. SK Continental E-motion Korea Co., Ltd.

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7.38. Solvay Group
7.39. Tesla, Inc.
7.40. Toshiba Corporation
7.41. Umicore N.V.
7.42. Valence Technology, Inc.
7.43. Younicos AG

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List Of Tables

LIST OF TABLES

TABLE # 1 GLOBAL BATTERY MARKET RESEARCH AND ANALYSIS BY CATEGORY, 2017-2023 ($ MILLION)
TABLE # 2 GLOBAL PRIMARY BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 3 GLOBAL SECONDARY BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 4 GLOBAL BATTERY MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 ($ MILLION)
TABLE # 5 GLOBAL LI-ION BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 6 GLOBAL NI-MH BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 7 GLOBAL NICKEL CADMIUM BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 8 GLOBAL LEAD ACID BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 9 GLOBAL OTHERS BATTERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 10 GLOBAL BATTERY MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 ($ MILLION)
TABLE # 11 GLOBAL AUTOMOTIVE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 12 GLOBAL INDUSTRIAL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 13 GLOBAL HOUSEHOLD MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 14 GLOBAL TELECOMMUNICATION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 15 GLOBAL OTHERS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 ($ MILLION)
TABLE # 16 GLOBAL BATTERY MARKET RESEARCH AND ANALYSIS BY GEOGRAPHY, 2017-2023 ($ MILLION)
TABLE # 17 NORTH AMERICA BATTERY MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 ($ MILLION)
TABLE # 18 NORTH AMERICA BATTERY MARKET RESEARCH AND ANALYSIS BY

+44 20 8123 2220
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CATEGORY, 2017-2023 ($ MILLION)
TABLE # 19 NORTH AMERICA BATTERY MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 ($ MILLION)
TABLE # 20 NORTH AMERICA BATTERY MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 ($ MILLION)
TABLE # 21 EUROPE BATTERY MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 ($ MILLION)
TABLE # 22 EUROPE BATTERY MARKET RESEARCH AND ANALYSIS BY CATEGORY, 2017-2023 ($ MILLION)
TABLE # 23 EUROPE BATTERY MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 ($ MILLION)
TABLE # 24 EUROPE BATTERY MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 ($ MILLION)
TABLE # 25 ASIA-PACIFIC BATTERY MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 ($ MILLION)
TABLE # 26 ASIA-PACIFIC BATTERY MARKET RESEARCH AND ANALYSIS BY CATEGORY, 2017-2023 ($ MILLION)
TABLE # 27 ASIA-PACIFIC BATTERY MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 ($ MILLION)
TABLE # 28 ASIA-PACIFIC BATTERY MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 ($ MILLION)
TABLE # 29 REST OF THE WORLD BATTERY MARKET RESEARCH AND ANALYSIS BY CATEGORY, 2017-2023 ($ MILLION)
TABLE # 30 REST OF THE WORLD BATTERY MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 ($ MILLION)
TABLE # 31 REST OF THE WORLD BATTERY MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 ($ MILLION)

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List Of Figures

LIST OF FIGURES

FIGURE # 1 GLOBAL BATTERY MARKET SHARE BY CATEGORY, 2017 VS 2023 (%)
FIGURE # 2 GLOBAL BATTERY MARKET SHARE BY TYPE, 2017 VS 2023 (%)
FIGURE # 3 GLOBAL BATTERY MARKET SHARE BY APPLICATION, 2017 VS 2023 (%)
FIGURE # 4 GLOBAL BATTERY MARKET SHARE BY GEOGRAPHY, 2017 VS 2023 (%)
FIGURE # 5 US BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 6 CANADA BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 7 UK BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 8 FRANCE BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 9 GERMANY BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 10 ITALY BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 11 SPAIN BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 12 ROE BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 13 INDIA BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 14 CHINA BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 15 JAPAN BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 16 REST OF ASIA-PACIFIC BATTERY MARKET SIZE, 2017-2023 ($ MILLION)
FIGURE # 17 REST OF THE WORLD BATTERY MARKET SIZE, 2017-2023 ($ MILLION)

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