

Global Battery Control Technology Market Size study, by Type (Smart Batteries, Chargers, Conditioners), by Application (Automotive, Traction, Marine and Aviation, Portable Products, Stationary (UPS, Emergency, Remote), On-road Electric Vehicles), by Sales Channel (Original Equipment Manufacturer, Aftermarket) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G4317B0A8F23EN.html>

Date: February 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G4317B0A8F23EN

Abstracts

Global Battery Control Technology Market is valued at approximately USD XXX billion in 2019 and is anticipated to grow with a healthy growth rate of more than XXX% over the forecast period 2020-2027. The battery technology market is a key component of the advanced energy storage system market; therefore, the market is witnessing to have a considerable growth rate all over the world. The battery control technology can be extensively used in rechargeable battery to manage and protect the optimal amount of energy reside in battery, which can avoid load on batteries. Therefore, the battery control technology finds extensive application in power and energy generation sector, which may act as one of the prime factors for driving the market growth, as power can be efficiently stored in the batteries. According to the Center for Climate and Energy Solution, it is assessed that the U.S. is a dominant country in terms of renewable energy generation, increasing at a growth rate of 100% from 2000 to 2018. Renewable made up more than 17% of generation of net electricity in 2018, with the huge share obtaining from hydropower (7%) and wind power (6.6%). Furthermore, the rising demand of technologically advanced battery systems in electric vehicles, along with the increasing deployment of batteries in energy & utilities sector are the few factors responsible for the high CAGR of the market during the forecast period. For instance, the International Energy Agency (IEA) estimated that the sales of electrical vehicles grew to almost doubled in the period of 2011 and 2012 and is likely to grow almost 20 million electric

vehicles on road by the year 2020. Similarly, as per the Bloomberg New Energy Finance (BNEF) report 2019, the electric vehicle sale around the world is likely to reach nearly 54 million by the year 2040, which is about 32% of the world's passenger vehicles. Therefore, the robust growing sales of electric vehicles creating a huge demand for battery control technology as it can improve the efficiency of electric mobility because of their technological developments, resulting in higher growth of the market over the forecast period. However, the high installation and initial cost, coupled with the safety issues associated with the technology are the few major factors inhibiting the market growth over the forecast period of 2020-2027.

The regional analysis of the global Battery Control Technology market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to the rise in demand from marine and aviation sector, and the presence of a significant number of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the rise in utility in on-road electric vehicles and the increasing rate of industrialization & urbanization in developing countries, such as China and India, would create lucrative growth prospects for the battery control technology market across the Asia-Pacific region.

Major market player included in this report are:

A123 systems LLC.

Ford Motor Co.

GE Energy LCC.

Toyota Motor Corp.

Sony Electronic Inc.

Samsung SID Co. Ltd.

Sanyo electric Co. Ltd.

Panasonic Corp.

L.G Chem LTD.

Honda Motor Co. Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report

shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Smart Batteries

Chargers

Conditioners

By Application:

Automotive

Traction, Marine and Aviation

Portable Products

Stationary (UPS, Emergency, Remote)

On-road Electric Vehicles

By Sales Channel:

Original Equipment Manufacturer

Aftermarket

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global Battery Control Technology Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Battery Control Technology Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Battery Control Technology Market, by Type, 2018-2027 (USD Billion)
 - 1.2.3. Battery Control Technology Market, by Application, 2018-2027 (USD Billion)
 - 1.2.4. Battery Control Technology Market, by Sales Channel, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET DYNAMICS

- 3.1. Battery Control Technology Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes

- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Battery Control Technology Market by Type, Performance - Potential Analysis
- 5.3. Global Battery Control Technology Market Estimates & Forecasts by Type 2017-2027 (USD Billion)
- 5.4. Battery Control Technology Market, Sub Segment Analysis
 - 5.4.1. Smart Batteries
 - 5.4.2. Chargers
 - 5.4.3. Conditioners

CHAPTER 6. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Battery Control Technology Market by Application, Performance - Potential Analysis
- 6.3. Global Battery Control Technology Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Battery Control Technology Market, Sub Segment Analysis
 - 6.4.1. Automotive
 - 6.4.2. Traction, Marine and Aviation
 - 6.4.3. Portable Products
 - 6.4.4. Stationary (UPS, Emergency, Remote)
 - 6.4.5. On-road Electric Vehicles

CHAPTER 7. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET, BY SALES CHANNEL

- 7.1. Market Snapshot
- 7.2. Global Battery Control Technology Market by Sales Channel - Potential Analysis
- 7.3. Global Battery Control Technology Market Estimates & Forecasts by Sales Channel 2017-2027 (USD Billion)
- 7.4. Battery Control Technology Market, Sub Segment Analysis
 - 7.4.1. Original Equipment Manufacturer
 - 7.4.2. Aftermarket

CHAPTER 8. GLOBAL BATTERY CONTROL TECHNOLOGY MARKET, REGIONAL ANALYSIS

- 8.1. Battery Control Technology Market, Regional Market Snapshot
- 8.2. North America Battery Control Technology Market
 - 8.2.1. U.S. Battery Control Technology Market
 - 8.2.1.1. Type breakdown estimates & forecasts, 2017-2027
 - 8.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 8.2.1.3. Sales Channel breakdown estimates & forecasts, 2017-2027
 - 8.2.2. Canada Battery Control Technology Market
- 8.3. Europe Battery Control Technology Market Snapshot
 - 8.3.1. U.K. Battery Control Technology Market
 - 8.3.2. Germany Battery Control Technology Market
 - 8.3.3. France Battery Control Technology Market
 - 8.3.4. Spain Battery Control Technology Market
 - 8.3.5. Italy Battery Control Technology Market
 - 8.3.6. Rest of Europe Battery Control Technology Market
- 8.4. Asia-Pacific Battery Control Technology Market Snapshot
 - 8.4.1. China Battery Control Technology Market
 - 8.4.2. India Battery Control Technology Market
 - 8.4.3. Japan Battery Control Technology Market
 - 8.4.4. Australia Battery Control Technology Market
 - 8.4.5. South Korea Battery Control Technology Market
 - 8.4.6. Rest of Asia Pacific Battery Control Technology Market
- 8.5. Latin America Battery Control Technology Market Snapshot
 - 8.5.1. Brazil Battery Control Technology Market
 - 8.5.2. Mexico Battery Control Technology Market
- 8.6. Rest of The World Battery Control Technology Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. A123 systems LLC.
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. Ford Motor Co.
 - 9.2.3. GE Energy LCC.
 - 9.2.4. Toyota Motor Corp.
 - 9.2.5. Sony Electronic Inc.
 - 9.2.6. Samsung SID Co. Ltd.
 - 9.2.7. Sanyo electric Co. Ltd.
 - 9.2.8. Panasonic Corp.
 - 9.2.9. L.G Chem LTD.
 - 9.2.10. Honda Motor Co. Ltd.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Battery Control Technology market, report scope

TABLE 2. Global Battery Control Technology market estimates & forecasts by region 2017-2027 (USD Billion)

TABLE 3. Global Battery Control Technology market estimates & forecasts by Type 2017-2027 (USD Billion)

TABLE 4. Global Battery Control Technology market estimates & forecasts by Application 2017-2027 (USD Billion)

TABLE 5. Global Battery Control Technology market estimates & forecasts by Sales Channel 2017-2027 (USD Billion)

TABLE 6. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 7. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 8. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 9. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 10. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 11. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 12. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 13. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 14. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 15. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 16. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 17. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 18. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 19. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Battery Control Technology market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. Global Battery Control Technology market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 23. U.S. Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. U.S. Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 25. Canada Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 26. Canada Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. Canada Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 28. UK Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 29. UK Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. UK Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 31. Germany Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 32. Germany Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. Germany Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 34. France Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 35. France Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. France Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 37. Spain Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 38. Spain Battery Control Technology market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 39. Spain Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 40. Italy Battery Control Technology market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 41. Italy Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 42. Italy Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 43. ROE Battery Control Technology market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 44. ROE Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 45. ROE Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 46. China Battery Control Technology market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 47. China Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 48. China Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 49. India Battery Control Technology market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 50. India Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 51. India Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 52. Japan Battery Control Technology market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 53. Japan Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 54. Japan Battery Control Technology market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 55. Australia Battery Control Technology market estimates & forecasts,
2017-2027 (USD Billion)

TABLE 56. Australia Battery Control Technology market estimates & forecasts by
segment 2017-2027 (USD Billion)

TABLE 57. Australia Battery Control Technology market estimates & forecasts by
segment 2017-2027 (USD Billion)

TABLE 58. South Korea Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 59. South Korea Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. South Korea Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 61. ROPAC Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 62. ROPAC Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. ROPAC Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 64. Brazil Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 65. Brazil Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Brazil Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 67. Mexico Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 68. Mexico Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. Mexico Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 70. ROLA Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 71. ROLA Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROLA Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 73. ROW Battery Control Technology market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 74. ROW Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. ROW Battery Control Technology market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 76. List of secondary sources, used in the study of global Battery Control Technology market

TABLE 77. List of primary sources, used in the study of global Battery Control

Technology market

TABLE 78. Years considered for the study

TABLE 79. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Battery Control Technology market, research methodology
- FIG 2. Global Battery Control Technology market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Battery Control Technology market, key trends 2019
- FIG 5. Global Battery Control Technology market, growth prospects 2020-2027
- FIG 6. Global Battery Control Technology market, porters 5 force Model
- FIG 7. Global Battery Control Technology market, pest analysis
- FIG 8. Global Battery Control Technology market, value chain analysis
- FIG 9. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Battery Control Technology market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Battery Control Technology market, regional snapshot 2017 & 2027
- FIG 18. North America Battery Control Technology market 2017 & 2027 (USD Billion)
- FIG 19. Europe Battery Control Technology market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Battery Control Technology market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Battery Control Technology market 2017 & 2027 (USD Billion)
- FIG 22. Global Battery Control Technology market, company market share analysis (2019)

I would like to order

Product name: Global Battery Control Technology Market Size study, by Type (Smart Batteries, Chargers, Conditioners), by Application (Automotive, Traction, Marine and Aviation, Portable Products, Stationary (UPS, Emergency, Remote), On-road Electric Vehicles), by Sales Channel (Original Equipment Manufacturer, Aftermarket) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G4317B0A8F23EN.html>

Price: US\$ 4,950.00 (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/G4317B0A8F23EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970