

Global Battery Technology Market Size study, By Technology Type (Lithium-Ion Battery, Lead Acid Battery, Nickel Metal Hydride Battery, Other Battery Technologies), By Application (Power & Utilities, Industrial, Commercial & Residential, Consumer Electronics, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Battery Technology Market is valued at approximately USDXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. A battery is an amalgamation of two or more electrochemical cells. Battery technology is used to store energy in the form of chemical energy in electrochemical cells and transformed it into electrical energy. The increasing demand for electric and hybrid electric vehicles, growing adoption of battery technology across the renewable energy industry, and rising deployment of batteries in the utility sector are the primary factors that are fueling the market demand across the globe. For instance, as per Statista, the total production of hybrid electric vehicles worldwide is recorded as 2.9 million vehicles in 2020. Also, the number is expected to reach 5.4 million vehicles by 2025. Accordingly, the surging production of the hybrid electric vehicle is stimulating the market growth in the impending years. However, safety issues associated with the storage transportation of spent batteries and the high cost of battery-operated industrial vehicles impede the growth of the market over the forecast period of 2022-2028. Also, large storage requirements in data centers and increasing advancements in wearable devices are anticipated to act as catalyzing factors for the market demand during the forecast period.

The key regions considered for the global Battery Technology Market study include Asia

Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising emphasis on the renewable energy industry and rising investment in technological advancements. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising presence of the leading market players such as Samsung SDI Co., Ltd., LG Electronics Inc., Panasonic Corp., etc., as well as increasing demand for the electric and hybrid electric vehicles, as well as growth of the countries like South Korea, India, Japan, and China would create lucrative growth prospects for the Battery Technology Market across the Asia-Pacific region.

Major market players included in this report are:

Clarios

Panasonic Corporation

Samsung SDI Co., Ltd.

Chaowei Power Co., Ltd.

Contemporary Amperex Technology Co., Ltd.

Energys

LG Chem Ltd.

BYD Company

Hitachi Chemical Co., Ltd.

Fujitsu 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 Technology Type

Lithium-Ion Battery

Lead Acid Battery

Nickel Metal Hydride Battery

Other Battery Technologies

By Application

Power & Utilities

Industrial
Commercial & Residential
Consumer Electronics
Others
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 – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Battery 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, 2020-2028 (USD Million)
 - 1.2.1. Battery Technology Market, by Region, 2020-2028 (USD Million)
 - 1.2.2. Battery Technology Market, by Technology Type, 2020-2028 (USD Million)
 - 1.2.3. Battery Technology Market, by Application, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BATTERY 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 TECHNOLOGY MARKET DYNAMICS

- 3.1. Battery Technology Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing adoption of battery technology across the renewable energy industry
 - 3.1.1.2. Growing demand for electric and hybrid electric vehicles
 - 3.1.2. Market Challenges
 - 3.1.2.1. Safety issues associated with storage transportation of spent batteries
 - 3.1.2.2. High cost of battery-operated industrial vehicles
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Large storage requirements in data centers
 - 3.1.3.2. Increasing advancements in wearable devices

CHAPTER 4. GLOBAL BATTERY 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 (2018-2028)
- 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
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL BATTERY TECHNOLOGY MARKET, BY TECHNOLOGY TYPE

- 6.1. Market Snapshot
- 6.2. Global Battery Technology Market by Technology Type, Performance - Potential Analysis
- 6.3. Global Battery Technology Market Estimates & Forecasts by Technology Type, 2018-2028 (USD Million)
- 6.4. Battery Technology Market, Sub Segment Analysis
 - 6.4.1. Lithium-Ion Battery
 - 6.4.2. Lead Acid Battery
 - 6.4.3. Nickel Metal Hydride Battery
 - 6.4.4. Other Battery Technologies

CHAPTER 7. GLOBAL BATTERY TECHNOLOGY MARKET, BY APPLICATION

- 7.1. Market Snapshot

- 7.2. Global Battery Technology Market by Application, Performance – Potential Analysis
- 7.3. Global Battery Technology Market Estimates & Forecasts by Application, 2018-2028 (USD Million)
- 7.4. Battery Technology Market, Sub Segment Analysis
 - 7.4.1. Power & Utilities
 - 7.4.2. Industrial
 - 7.4.3. Commercial & Residential
 - 7.4.4. Consumer Electronics
 - 7.4.5. Others

CHAPTER 8. GLOBAL BATTERY TECHNOLOGY MARKET, REGIONAL ANALYSIS

- 8.1. Battery Technology Market, Regional Market Snapshot
- 8.2. North America Battery Technology Market
 - 8.2.1. U.S. Battery Technology Market
 - 8.2.1.1. Technology Type breakdown estimates & forecasts, 2018-2028
 - 8.2.1.2. Application breakdown estimates & forecasts, 2018-2028
 - 8.2.2. Canada Battery Technology Market
- 8.3. Europe Battery Technology Market Snapshot
 - 8.3.1. U.K. Battery Technology Market
 - 8.3.2. Germany Battery Technology Market
 - 8.3.3. France Battery Technology Market
 - 8.3.4. Spain Battery Technology Market
 - 8.3.5. Italy Battery Technology Market
 - 8.3.6. Rest of Europe Battery Technology Market
- 8.4. Asia-Pacific Battery Technology Market Snapshot
 - 8.4.1. China Battery Technology Market
 - 8.4.2. India Battery Technology Market
 - 8.4.3. Japan Battery Technology Market
 - 8.4.4. Australia Battery Technology Market
 - 8.4.5. South Korea Battery Technology Market
 - 8.4.6. Rest of Asia Pacific Battery Technology Market
- 8.5. Latin America Battery Technology Market Snapshot
 - 8.5.1. Brazil Battery Technology Market
 - 8.5.2. Mexico Battery Technology Market
- 8.6. Rest of The World Battery Technology Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Clarios

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. Panasonic Corporation

9.2.3. Samsung SDI Co., Ltd.

9.2.4. Chaowei Power Co., Ltd.

9.2.5. Contemporary Amperex Technology Co., Ltd.

9.2.6. EnerSys

9.2.7. LG Chem Ltd.

9.2.8. BYD Company

9.2.9. Hitachi Chemical Co., Ltd.

9.2.10. Fujitsu 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 Technology Market, report scope

TABLE 2. Global Battery Technology Market estimates & forecasts by Region
2018-2028 (USD Million)

TABLE 3. Global Battery Technology Market estimates & forecasts by Technology Type
2018-2028 (USD Million)

TABLE 4. Global Battery Technology Market estimates & forecasts by Application
2018-2028 (USD Million)

TABLE 5. Global Battery Technology Market by segment, estimates & forecasts,
2018-2028 (USD Million)

TABLE 6. Global Battery Technology Market by region, estimates & forecasts,
2018-2028 (USD Million)

TABLE 7. Global Battery Technology Market by segment, estimates & forecasts,
2018-2028 (USD Million)

TABLE 8. Global Battery Technology Market by region, estimates & forecasts,
2018-2028 (USD Million)

TABLE 9. Global Battery Technology Market by segment, estimates & forecasts,
2018-2028 (USD Million)

TABLE 10. Global Battery Technology Market by region, estimates & forecasts,
2018-2028 (USD Million)

TABLE 11. Global Battery Technology Market by segment, estimates & forecasts,
2018-2028 (USD Million)

TABLE 12. Global Battery Technology Market by region, estimates & forecasts,
2018-2028 (USD Million)

TABLE 13. Global Battery Technology Market by segment, estimates & forecasts,
2018-2028 (USD Million)

TABLE 14. Global Battery Technology Market by region, estimates & forecasts,
2018-2028 (USD Million)

TABLE 15. U.S. Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 16. U.S. Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 17. U.S. Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 18. Canada Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 19. Canada Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 20. Canada Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 21. UK Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 22. UK Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 23. UK Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 24. Germany Battery Technology Market estimates & forecasts, 2018-2028
(USD Million)

TABLE 25. Germany Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 26. Germany Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 27. RoE Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 28. RoE Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 29. RoE Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 30. China Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 31. China Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 32. China Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 33. India Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 34. India Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 35. India Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 36. Japan Battery Technology Market estimates & forecasts, 2018-2028 (USD
Million)

TABLE 37. Japan Battery Technology Market estimates & forecasts by segment
2018-2028 (USD Million)

TABLE 38. Japan Battery Technology Market estimates & forecasts by segment

2018-2028 (USD Million)

TABLE 39. RoAPAC Battery Technology Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 40. RoAPAC Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 41. RoAPAC Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 42. Brazil Battery Technology Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 43. Brazil Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 44. Brazil Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 45. Mexico Battery Technology Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 46. Mexico Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 47. Mexico Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 48. RoLA Battery Technology Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 49. RoLA Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 50. RoLA Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 51. Row Battery Technology Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 52. Row Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 53. Row Battery Technology Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 54. List of secondary sources, used in the study of global Battery Technology Market

TABLE 55. List of primary sources, used in the study of global Battery Technology Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Battery Technology Market, research methodology
- FIG 2. Global Battery Technology Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Battery Technology Market, key trends 2021
- FIG 5. Global Battery Technology Market, growth prospects 2022-2028
- FIG 6. Global Battery Technology Market, porters 5 force model
- FIG 7. Global Battery Technology Market, pest analysis
- FIG 8. Global Battery Technology Market, value chain analysis
- FIG 9. Global Battery Technology Market by segment, 2018 & 2028 (USD Million)
- FIG 10. Global Battery Technology Market by segment, 2018 & 2028 (USD Million)
- FIG 11. Global Battery Technology Market by segment, 2018 & 2028 (USD Million)
- FIG 12. Global Battery Technology Market by segment, 2018 & 2028 (USD Million)
- FIG 13. Global Battery Technology Market by segment, 2018 & 2028 (USD Million)
- FIG 14. Global Battery Technology Market, regional snapshot 2018 & 2028
- FIG 15. North America Battery Technology Market 2018 & 2028 (USD Million)
- FIG 16. Europe Battery Technology Market 2018 & 2028 (USD Million)
- FIG 17. Asia Pacific Battery Technology market 2018 & 2028 (USD Million)
- FIG 18. Latin America Battery Technology Market 2018 & 2028 (USD Million)
- FIG 19. Global Battery Technology Market, company market share analysis (2021)

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