

# **Global Air Electrode Battery Market Size study, by Type (Primary Battery, Secondary Battery and Fuel Cell), by Application (Medical Devices, Transportation, Military Devices and Others), and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Air Electrode Battery Market is valued approximately at USD 1.10 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 9% over the forecast period 2021-2027. Due to their extended service life, stable discharge voltage and high energy density, these batteries are used in applications such as electric vehicles (EV), portable electronic devices, and utility-scale energy storage systems. Growing production of electric vehicles, rising sales of portable consumer electronics such as smartphones and wearables and increasing utility of battery energy storage system are fueling the growth in the market. For instance, according to IEA, stock of battery electric vehicle worldwide has increased from 3.27 million in 2018 to 4.79 million in 2019. Also, according to Statista, worldwide sales revenue of wearable devices has increased from USD 33.78 billion in 2019 to USD 44.43 billion in 2020 and is expected to reach USD 73.27 billion in 2022. Furthermore, rising need for energy storage due to growing renewable energy production and favorable government policies regarding electric vehicles are expected to boost the demand in coming years. For example, as per Center for Climate and Energy Solutions, Solar energy generation is estimated to climb from 11 percent of total United States' renewable generation in 2017 to 48 percent by 2050. However, rising number of regulations regarding production may hamper the growth during forecast period.

Among Asia Pacific, North America, Europe, Latin America, and Rest of the World, Asia Pacific has emerged as a significant region across the world in terms of market share and is expected to grow with the highest growth rate during forecast period due to

continuously growing electronic manufacturing market owing to wide customer base and supporting government initiative for encouraging people to purchase electric vehicle.

Major market player included in this report are:

Phinergy  
Mullen Technologies, Inc.  
PolyPlus Battery Company  
Tesla Inc.  
Hitachi Maxell Ltd.  
Volkswagen Ag  
Sanyo Electric Co., Ltd.  
BASF Global  
Panasonic Corporation  
LG Chem 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:

Primary Battery  
Secondary Battery  
Fuel Cell

By Application:

Medical Devices  
Transportation  
Military Devices  
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  
Base year – 2020  
Forecast period – 2021 to 2027.

Target Audience of the Global Air Electrode Battery 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, 2019-2027 (USD Billion)
  - 1.2.1. Air Electrode Battery Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. Air Electrode Battery Market, by Type, 2019-2027 (USD Billion)
  - 1.2.3. Air Electrode Battery Market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL AIR ELECTRODE BATTERY 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 AIR ELECTRODE BATTERY MARKET DYNAMICS**

- 3.1. Air Electrode Battery Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand for electric vehicle
    - 3.1.1.2. Rising sales of portable consumer electronics
  - 3.1.2. Market Restraint
    - 3.1.2.1. Rising number of regulations
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising production of renewable energy
    - 3.1.3.2. Favourable government policies for electric vehicle

### **CHAPTER 4. GLOBAL AIR ELECTRODE BATTERY 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 (2018-2027)
- 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 AIR ELECTRODE BATTERY MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Air Electrode Battery Market by Type, Performance - Potential Analysis
- 5.3. Global Air Electrode Battery Market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Air Electrode Battery Market, Sub Segment Analysis
  - 5.4.1. Primary Battery
  - 5.4.2. Secondary Battery
  - 5.4.3. Fuel Cell

## **CHAPTER 6. GLOBAL AIR ELECTRODE BATTERY MARKET, BY APPLICATION**

- a. Market Snapshot
- 6.1. Global Air Electrode Battery Market by Application, Performance - Potential Analysis
- 6.2. Global Air Electrode Battery Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 6.3. Air Electrode Battery Market, Sub Segment Analysis
  - 6.3.1. Medical Devices
  - 6.3.2. Transportation
  - 6.3.3. Military Devices
  - 6.3.4. Others

## **CHAPTER 7. GLOBAL AIR ELECTRODE BATTERY MARKET, REGIONAL**

*Global Air Electrode Battery Market Size study, by Type (Primary Battery, Secondary Battery and Fuel Cell), by...*

## **ANALYSIS**

- 7.1. Air Electrode Battery Market, Regional Market Snapshot
- 7.2. North America Air Electrode Battery Market
  - 7.2.1. U.S. Air Electrode Battery Market
    - 7.2.1.1. Type breakdown estimates & forecasts, 2018-2027
    - 7.2.1.2. Application breakdown estimates & forecasts, 2018-2027
  - 7.2.2. Canada Air Electrode Battery Market
- 7.3. Europe Air Electrode Battery Market Snapshot
  - 7.3.1. U.K. Air Electrode Battery Market
  - 7.3.2. Germany Air Electrode Battery Market
  - 7.3.3. France Air Electrode Battery Market
  - 7.3.4. Spain Air Electrode Battery Market
  - 7.3.5. Italy Air Electrode Battery Market
  - 7.3.6. Rest of Europe Air Electrode Battery Market
- 7.4. Asia-Pacific Air Electrode Battery Market Snapshot
  - 7.4.1. China Air Electrode Battery Market
  - 7.4.2. India Air Electrode Battery Market
  - 7.4.3. Japan Air Electrode Battery Market
  - 7.4.4. Australia Air Electrode Battery Market
  - 7.4.5. South Korea Air Electrode Battery Market
  - 7.4.6. Rest of Asia Pacific Air Electrode Battery Market
- 7.5. Latin America Air Electrode Battery Market Snapshot
  - 7.5.1. Brazil Air Electrode Battery Market
  - 7.5.2. Mexico Air Electrode Battery Market
- 7.6. Rest of The World Air Electrode Battery Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Phinergy
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. Product Summary
    - 8.2.1.5. Recent Developments
  - 8.2.2. Mullen Technologies, Inc.
  - 8.2.3. Poly Plus Battery Company

- 8.2.4. Tesla Inc.
- 8.2.5. Hitachi Maxell Ltd.
- 8.2.6. Volkswagen Ag
- 8.2.7. Sanyo Electric Co., Ltd.
- 8.2.8. BASF Global
- 8.2.9. Panasonic Corporation
- 8.2.10. LG Chem Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 2. Global Air Electrode Battery Market , report scope

TABLE 3. Global Air Electrode Battery Market estimates & forecasts by region  
2018-2027 (USD Billion)

TABLE 4. Global Air Electrode Battery Market estimates & forecasts by Type 2018-2027  
(USD Billion)

TABLE 5. Global Air Electrode Battery Market estimates & forecasts by Application  
2018-2027 (USD Billion)

TABLE 6. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 7. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 8. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 9. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 10. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 11. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 12. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 13. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 14. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 15. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 16. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 17. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 18. Global Air Electrode Battery Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 19. Global Air Electrode Battery Market by region, estimates & forecasts,  
2018-2027 (USD Billion)



TABLE 20. Global Air Electrode Battery Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global Air Electrode Battery Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. France Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. France Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Spain Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Spain Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Spain Air Electrode Battery Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 40. Italy Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Italy Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. ROE Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. ROE Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. China Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. China Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. India Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. India Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Japan Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Japan Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Australia Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Australia Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 58. South Korea Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 61. ROPAC Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW Air Electrode Battery Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW Air Electrode Battery Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of global Air Electrode Battery Market .

TABLE 77. List of primary sources used in the study of global Air Electrode Battery Market .

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Air Electrode Battery Market , research methodology
- FIG 2. Global Air Electrode Battery Market , market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Air Electrode Battery Market , key trends 2020
- FIG 5. Global Air Electrode Battery Market , growth prospects 2021-2027
- FIG 6. Global Air Electrode Battery Market , porters 5 force model
- FIG 7. Global Air Electrode Battery Market , pest analysis
- FIG 8. Global Air Electrode Battery Market , value chain analysis
- FIG 9. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Air Electrode Battery Market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Air Electrode Battery Market , regional snapshot 2018 & 2027
- FIG 18. North America Air Electrode Battery Market 2018 & 2027 (USD Billion)
- FIG 19. Europe Air Electrode Battery Market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Air Electrode Battery Market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Air Electrode Battery Market 2018 & 2027 (USD Billion)
- FIG 22. Global Air Electrode Battery Market , company market share analysis (2020)

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