

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

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