

# **Global Zinc-Air Battery Market Size study & Forecast, by Type (Rechargeable, Non-Rechargeable) by Application (Small Devices, Remote Signalling and Communication, Safety Lamps, Electric Cars, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Zinc-Air Battery Market is valued approximately USD XXX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. A zinc-air battery is a type of electrochemical energy storage device that uses zinc and oxygen from the air to generate electrical power. It is a form of metal-air battery, where the anode (negative electrode) is made of zinc metal and the cathode (positive electrode) utilizes oxygen from the air. The reaction between zinc and oxygen produces electricity. The key factor driving the market growth is increasing use of zinc-air batteries, especially in hearing aids and electronic devices, growing demand for high-energy-density storage solutions, and increasing demand for electric vehicles anticipated to support the market growth during the forecast period.

Moreover, the rising demand for consumer electronics is supporting the growth of the Zinc-Air Battery Market. Zinc-air batteries are known for their high energy density and long runtime, making them an attractive option for portable electronic devices such as smartphones, tablets, wireless headphones, and wearable devices. Thus, the growing demand for consumer electronics is anticipated to support market growth during the forecast period. According to Statista, in 2022, the consumer electronics market was valued at USD 987.16 billion and it is anticipated to reach USD 1152.88 billion by 2028. As a result, the growing consumer electronic market is anticipated to support the market growth during the forecast period. Additionally, technological advancement in zinc-air batteries is anticipated to create a lucrative opportunity for the market during the forecast period. However, the corrosion between electrolyte and anode in zinc-air

batteries stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Zinc-Air Battery Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players, rising government attention to greenhouse gas emissions, growing demand for electric vehicles, and growth in the consumer electronics industry in the region. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as cohesive government initiatives, rising demand for consumer electronics and growing adoption of these batteries in electric vehicles, especially in electric cars.

Major market player included in this report are:

Electric Fuel Battery Corp

Revolt Technology Group

ZAF Energy Systems Inc,

Renata SA

Panasonic Corporation

Zhuhai Zhi Li Battery Co. Ltd

Berkshire Hathaway Inc. (Hohmann & Barnard Inc.)

Spectrum Brands Holdings, Inc.

ZincNyx Energy Solutions Inc.

Energizer Holdings Inc.

Recent Developments in the Market:

In July 2022, U.S. Senate Majority Leader Charles Schumer offered its support to Zinc8 Energy Solutions, a producer of advanced zinc battery technology, for the establishment of a commercial production plant in Ulster, New York, on the site of the former TechCity.

## Global Zinc-Air Battery Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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:

Rechargeable

Non-Rechargeable

By Application:

Small Devices

Remote Signalling and Communication

Safety Lamps

Electric Cars

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

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Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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