

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

<https://marketpublishers.com/r/G7FF31765826EN.html>

Date: September 2023

Pages: 200

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

ID: G7FF31765826EN

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

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Zinc-Air Battery Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Zinc-Air Battery Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. Zinc-Air Battery Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ZINC-AIR BATTERY MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL ZINC-AIR BATTERY MARKET DYNAMICS

- 3.1. Zinc-Air Battery Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing demand in hearing aids and electronic devices
 - 3.1.1.2. Rising demand for high-energy-density storage solutions
 - 3.1.1.3. Increasing demand for electric vehicles
 - 3.1.2. Market Challenges
 - 3.1.2.1. Corrosion between electrolyte and anode in zinc-air batteries
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Technological advancement in Zinc-Air Battery

CHAPTER 4. GLOBAL ZINC-AIR 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ZINC-AIR BATTERY MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Zinc-Air Battery Market by Type, Performance - Potential Analysis
- 5.3. Global Zinc-Air Battery Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Zinc-Air Battery Market, Sub Segment Analysis
 - 5.4.1. Rechargeable
 - 5.4.2. Non-Rechargeable

CHAPTER 6. GLOBAL ZINC-AIR BATTERY MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Zinc-Air Battery Market by Application, Performance - Potential Analysis
- 6.3. Global Zinc-Air Battery Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 6.4. Zinc-Air Battery Market, Sub Segment Analysis
 - 6.4.1. Small Devices
 - 6.4.2. Remote Signalling and Communication
 - 6.4.3. Safety Lamps
 - 6.4.4. Electric Cars

6.4.5. Others

CHAPTER 7. GLOBAL ZINC-AIR BATTERY MARKET, REGIONAL ANALYSIS

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Zinc-Air Battery Market, Regional Market Snapshot

7.4. North America Zinc-Air Battery Market

7.4.1. U.S. Zinc-Air Battery Market

7.4.1.1. Type breakdown estimates & forecasts, 2020-2030

7.4.1.2. Application breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Zinc-Air Battery Market

7.5. Europe Zinc-Air Battery Market Snapshot

7.5.1. U.K. Zinc-Air Battery Market

7.5.2. Germany Zinc-Air Battery Market

7.5.3. France Zinc-Air Battery Market

7.5.4. Spain Zinc-Air Battery Market

7.5.5. Italy Zinc-Air Battery Market

7.5.6. Rest of Europe Zinc-Air Battery Market

7.6. Asia-Pacific Zinc-Air Battery Market Snapshot

7.6.1. China Zinc-Air Battery Market

7.6.2. India Zinc-Air Battery Market

7.6.3. Japan Zinc-Air Battery Market

7.6.4. Australia Zinc-Air Battery Market

7.6.5. South Korea Zinc-Air Battery Market

7.6.6. Rest of Asia Pacific Zinc-Air Battery Market

7.7. Latin America Zinc-Air Battery Market Snapshot

7.7.1. Brazil Zinc-Air Battery Market

7.7.2. Mexico Zinc-Air Battery Market

7.8. Middle East & Africa Zinc-Air Battery Market

7.8.1. Saudi Arabia Zinc-Air Battery Market

7.8.2. South Africa Zinc-Air Battery Market

7.8.3. Rest of Middle East & Africa Zinc-Air Battery Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

- 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Electric Fuel Battery Corp
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Revolt Technology Group
 - 8.3.3. ZAF Energy Systems Inc,
 - 8.3.4. Renata SA
 - 8.3.5. Panasonic Corporation
 - 8.3.6. Zhuhai Zhi Li Battery Co. Ltd
 - 8.3.7. Berkshire Hathaway Inc. (Hohmann & Barnard Inc.)
 - 8.3.8. Spectrum Brands Holdings, Inc.
 - 8.3.9. ZincNyx Energy Solutions Inc.
 - 8.3.10. Energizer Holdings Inc

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 1. Global Zinc-Air Battery Market, report scope
- TABLE 2. Global Zinc-Air Battery Market estimates & forecasts by Region 2020-2030 (USD Billion)
- TABLE 3. Global Zinc-Air Battery Market estimates & forecasts by Type 2020-2030 (USD Billion)
- TABLE 4. Global Zinc-Air Battery Market estimates & forecasts by Application 2020-2030 (USD Billion)
- TABLE 5. Global Zinc-Air Battery Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 6. Global Zinc-Air Battery Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 7. Global Zinc-Air Battery Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 8. Global Zinc-Air Battery Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 9. Global Zinc-Air Battery Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 10. Global Zinc-Air Battery Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 11. Global Zinc-Air Battery Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 12. Global Zinc-Air Battery Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 13. Global Zinc-Air Battery Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 14. Global Zinc-Air Battery Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 15. U.S. Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 16. U.S. Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 17. U.S. Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 18. Canada Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 19. Canada Zinc-Air Battery Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 20. Canada Zinc-Air Battery Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 21. UK Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. China Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Zinc-Air Battery Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 41. China Zinc-Air Battery Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 42. India Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Zinc-Air Battery Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 44. India Zinc-Air Battery Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 45. Japan Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Zinc-Air Battery Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 61. Mexico Zinc-Air Battery Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 62. Mexico Zinc-Air Battery Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 63. RoLA Zinc-Air Battery Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 64. RoLA Zinc-Air Battery Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 65. RoLA Zinc-Air Battery Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 66. Saudi Arabia Zinc-Air Battery Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 67. South Africa Zinc-Air Battery Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 68. RoMEA Zinc-Air Battery Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Zinc-Air Battery
Market

TABLE 70. List of primary sources, used in the study of global Zinc-Air Battery Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Zinc-Air Battery Market, research methodology
 - FIG 2. Global Zinc-Air Battery Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Zinc-Air Battery Market, key trends 2022
 - FIG 5. Global Zinc-Air Battery Market, growth prospects 2023-2030
 - FIG 6. Global Zinc-Air Battery Market, porters 5 force model
 - FIG 7. Global Zinc-Air Battery Market, pest analysis
 - FIG 8. Global Zinc-Air Battery Market, value chain analysis
 - FIG 9. Global Zinc-Air Battery Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Zinc-Air Battery Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Zinc-Air Battery Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Zinc-Air Battery Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Zinc-Air Battery Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Zinc-Air Battery Market, regional snapshot 2020 & 2030
 - FIG 15. North America Zinc-Air Battery Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Zinc-Air Battery Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Zinc-Air Battery Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Zinc-Air Battery Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Zinc-Air Battery Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/G7FF31765826EN.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/G7FF31765826EN.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