

Global Zinc Ion Batteries Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our latest research, the global Zinc Ion Batteries market size will reach USD 9699.3 million in 2030, growing at a CAGR of 149.4% over the analysis period.

A zinc-ion battery or Zn-ion battery (abbreviated as ZIB) uses zinc ions (Zn^{2+}) as the charge carriers. Specifically, ZIBs utilize Zn as the anode, Zn-intercalating materials as the cathode, and a Zn-containing electrolyte. Generally, the term zinc-ion battery is reserved for rechargeable (secondary) batteries, which are sometimes also referred to as rechargeable zinc metal batteries (RZMB). Thus, ZIBs are different than non-rechargeable (primary) batteries which use zinc, such as alkaline or zinc-carbon batteries.

The Zinc Ion Batteries market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

Global key players of Zinc Ion Batteries include Salient Energy and Enerpoly, etc. Global top two manufacturers hold a share nearly 80%. North America is the largest market of Zinc Ion Batteries, with a share over 40%, followed by Asia-Pacific and Europe.

Market segmentation

Zinc Ion Batteries market is split by Type and by Application. For the period 2024-2030,

the growth among segments provide accurate calculations and forecasts for revenue by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type, covers

Manganese-Based Cathode

Vanadium-Based Cathode

Other

Market segment by Application, can be divided into

Residential

Non-residential

Market segment by players, this report covers

Salient Energy

Enerpoly

Market segment by regions, regional analysis covers

North America

Europe

Asia-Pacific (China, Japan, South Korea, Rest of Asia-Pacific)

South America

Middle East & Africa

The content of the study subjects, includes a total of 8 chapters:

Chapter 1, to describe Zinc Ion Batteries product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top players of Zinc Ion Batteries, with recent developments and future plans

Chapter 3, the Zinc Ion Batteries competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4, to break the market size data at the region level, with key companies in the key region and Zinc Ion Batteries market forecast, by regions, with revenue, from 2024 to 2030.

Chapter 5 and 6, to segment the market size by Type and application, with revenue and growth rate by Type, application, from 2024 to 2030.

Chapter 7 and 8, to describe Zinc Ion Batteries research findings and conclusion, appendix and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Zinc Ion Batteries
- 1.2 Classification of Zinc Ion Batteries by Type
 - 1.2.1 Overview: Global Zinc Ion Batteries Market Size by Type: 2024 Versus 2030
 - 1.2.2 Global Zinc Ion Batteries Revenue Market Share by Type in 2030
 - 1.2.3 Manganese-Based Cathode
 - 1.2.4 Vanadium-Based Cathode
 - 1.2.5 Other
- 1.3 Global Zinc Ion Batteries Market by Application
 - 1.3.1 Overview: Global Zinc Ion Batteries Market Size by Application: 2024 Versus 2030
 - 1.3.2 Residential
 - 1.3.3 Non-residential
- 1.4 Global Zinc Ion Batteries Market Size & Forecast
- 1.5 Market Drivers, Restraints and Trends
 - 1.5.1 Zinc Ion Batteries Market Drivers
 - 1.5.2 Zinc Ion Batteries Market Restraints
 - 1.5.3 Zinc Ion Batteries Trends Analysis

2 COMPANY PROFILES

- 2.1 Salient Energy
 - 2.1.1 Salient Energy Details
 - 2.1.2 Salient Energy Major Business
 - 2.1.3 Salient Energy Zinc Ion Batteries Product and Solutions
 - 2.1.4 Salient Energy Recent Developments and Future Plans
- 2.2 Enerpoly
 - 2.2.1 Enerpoly Details
 - 2.2.2 Enerpoly Major Business
 - 2.2.3 Enerpoly Zinc Ion Batteries Product and Solutions
 - 2.2.4 Enerpoly Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Zinc Ion Batteries Revenue and Share by Players (2024 & 2030)
- 3.2 Zinc Ion Batteries Players Head Office, Products and Services Provided

3.3 Zinc Ion Batteries Mergers & Acquisitions

3.4 Zinc Ion Batteries New Entrants and Expansion Plans

4 GLOBAL ZINC ION BATTERIES FORECAST BY REGION

4.1 Global Zinc Ion Batteries Market Size by Region: 2024 VS 2030

4.2 Global Zinc Ion Batteries Market Size by Region, (2024-2030)

4.3 North America

4.3.1 Key Companies of Zinc Ion Batteries in North America

4.3.2 Current Situation and Forecast of Zinc Ion Batteries in North America

4.3.3 North America Zinc Ion Batteries Market Size and Prospect (2024-2030)

4.4 Europe

4.4.1 Key Companies of Zinc Ion Batteries in Europe

4.4.2 Current Situation and Forecast of Zinc Ion Batteries in Europe

4.4.3 Europe Zinc Ion Batteries Market Size and Prospect (2024-2030)

4.5 Asia-Pacific

4.5.1 Key Companies of Zinc Ion Batteries in Asia-Pacific

4.5.2 Current Situation and Forecast of Zinc Ion Batteries in Asia-Pacific

4.5.3 Asia-Pacific Zinc Ion Batteries Market Size and Prospect (2024-2030)

4.5.4 China

4.5.5 Japan

4.5.6 South Korea

4.6 South America

4.6.1 Key Companies of Zinc Ion Batteries in South America

4.6.2 Current Situation and Forecast of Zinc Ion Batteries in South America

4.6.3 South America Zinc Ion Batteries Market Size and Prospect (2024-2030)

4.7 Middle East & Africa

4.7.1 Key Companies of Zinc Ion Batteries in Middle East & Africa

4.7.2 Current Situation and Forecast of Zinc Ion Batteries in Middle East & Africa

4.7.3 Middle East & Africa Zinc Ion Batteries Market Size and Prospect (2024-2030)

5 MARKET SIZE SEGMENT BY TYPE

5.1 Global Zinc Ion Batteries Market Forecast by Type (2024-2030)

5.2 Global Zinc Ion Batteries Market Share Forecast by Type (2024-2030)

6 MARKET SIZE SEGMENT BY APPLICATION

6.1 Global Zinc Ion Batteries Market Forecast by Application (2024-2030)

6.2 Global Zinc Ion Batteries Market Share Forecast by Application (2024-2030)

7 RESEARCH FINDINGS AND CONCLUSION

8 APPENDIX

8.1 Methodology

8.2 Research Process and Data Source

8.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Zinc Ion Batteries Revenue by Type, (USD Million), 2024 VS 2030
- Table 2. Global Zinc Ion Batteries Revenue by Application, (USD Million), 2024 VS 2030
- Table 3. Salient Energy Corporate Information, Head Office, and Major Competitors
- Table 4. Salient Energy Major Business
- Table 5. Salient Energy Zinc Ion Batteries Product and Solutions
- Table 6. Enerpoly Corporate Information, Head Office, and Major Competitors
- Table 7. Enerpoly Major Business
- Table 8. Enerpoly Zinc Ion Batteries Product and Solutions
- Table 9. Global Zinc Ion Batteries Revenue (USD Million) by Players (2024 & 2030)
- Table 10. Global Zinc Ion Batteries Revenue Share by Players (2024 & 2030)
- Table 11. Zinc Ion Batteries Players Head Office, Products and Services Provided
- Table 12. Zinc Ion Batteries Mergers & Acquisitions in the Past Five Years
- Table 13. Zinc Ion Batteries New Entrants and Expansion Plans
- Table 14. Global Market Zinc Ion Batteries Revenue (USD Million) Comparison by Region (2024 VS 2030)
- Table 15. Global Zinc Ion Batteries Revenue Market Share by Region (2024-2030)
- Table 16. Key Companies of Zinc Ion Batteries in North America
- Table 17. Current Situation and Forecast of Zinc Ion Batteries in North America
- Table 18. Key Companies of Zinc Ion Batteries in Europe
- Table 19. Current Situation and Forecast of Zinc Ion Batteries in Europe
- Table 20. Key Companies of Zinc Ion Batteries in Asia-Pacific
- Table 21. Current Situation and Forecast of Zinc Ion Batteries in Asia-Pacific
- Table 22. Key Companies of Zinc Ion Batteries in China
- Table 23. Key Companies of Zinc Ion Batteries in Japan
- Table 24. Key Companies of Zinc Ion Batteries in South Korea
- Table 25. Key Companies of Zinc Ion Batteries in South America
- Table 26. Current Situation and Forecast of Zinc Ion Batteries in South America
- Table 27. Key Companies of Zinc Ion Batteries in Middle East & Africa
- Table 28. Current Situation and Forecast of Zinc Ion Batteries in Middle East & Africa
- Table 29. Global Zinc Ion Batteries Revenue Forecast by Type (2024-2030)
- Table 30. Global Zinc Ion Batteries Revenue Forecast by Application (2024-2030)

List Of Figures

LIST OF FIGURES

- Figure 1. Zinc Ion Batteries Picture
- Figure 2. Global Zinc Ion Batteries Revenue Market Share by Type in 2030
- Figure 3. Manganese-Based Cathode
- Figure 4. Vanadium-Based Cathode
- Figure 5. Other
- Figure 6. Zinc Ion Batteries Revenue Market Share by Application in 2030
- Figure 7. Residential Picture
- Figure 8. Non-residential Picture
- Figure 9. Global Zinc Ion Batteries Market Size, (USD Million): 2024 VS 2030
- Figure 10. Global Zinc Ion Batteries Revenue and Forecast (2024-2030) & (USD Million)
- Figure 11. Zinc Ion Batteries Market Drivers
- Figure 12. Zinc Ion Batteries Market Restraints
- Figure 13. Zinc Ion Batteries Market Trends
- Figure 14. Salient Energy Recent Developments and Future Plans
- Figure 15. Enerpoly Recent Developments and Future Plans
- Figure 16. Global Zinc Ion Batteries Revenue Market Share by Region (2024-2030)
- Figure 17. Global Zinc Ion Batteries Revenue Market Share by Region in 2030
- Figure 18. North America Zinc Ion Batteries Revenue (USD Million) and Growth Rate (2024-2030)
- Figure 19. Europe Zinc Ion Batteries Revenue (USD Million) and Growth Rate (2024-2030)
- Figure 20. Asia-Pacific Zinc Ion Batteries Revenue (USD Million) and Growth Rate (2024-2030)
- Figure 21. South America Zinc Ion Batteries Revenue (USD Million) and Growth Rate (2024-2030)
- Figure 22. Middle East & Africa Zinc Ion Batteries Revenue (USD Million) and Growth Rate (2024-2030)
- Figure 23. Global Zinc Ion Batteries Market Share Forecast by Type (2024-2030)
- Figure 24. Global Zinc Ion Batteries Market Share Forecast by Application (2024-2030)
- Figure 25. Methodology
- Figure 26. Research Process and Data Source

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