

# Global Aluminium-ion Battery Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/G3F4F27F7714EN.html>

Date: June 2024

Pages: 63

Price: US\$ 3,660.00 (Single User License)

ID: G3F4F27F7714EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this study, the global Aluminium-ion Battery market size will reach US\$ million by 2030.

Compared with lithium batteries, aluminum ion batteries have shorter charging time, higher efficiency, greater energy density, and longer use time. The energy density of the aluminum ion battery is 1500Wh/L, which is expected to provide 600Wh/kg of energy. As a comparison, the energy density of lithium-ion batteries is 150-350Wh/kg.

This report presents a comprehensive overview, market shares, and growth opportunities of Aluminium-ion Battery market by product type, application, key players and key regions and countries.

Segmentation by product type:

600 Wh/kg

Others

Segmentation by Application:

New Energy Vehicles

Drone

Energy Storage

Military Equipment

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Saturnose

AB SYSTEMS INC

GMG

CCS Electric

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Aluminium-ion Battery Market Size 2024-2030
  - 2.1.2 Aluminium-ion Battery Market Size CAGR by Region
- 2.2 Aluminium-ion Battery Segment by Type
  - 2.2.1 600 Wh/kg
  - 2.2.2 Others
- 2.3 Aluminium-ion Battery Market Size by Type
  - 2.3.1 Global Aluminium-ion Battery Market Size Market Share by Type (2024-2030)
  - 2.3.2 Global Aluminium-ion Battery Market Size Growth Rate by Type (2024-2030)
- 2.4 Aluminium-ion Battery Segment by Application
  - 2.4.1 New Energy Vehicles
  - 2.4.2 Drone
  - 2.4.3 Energy Storage
  - 2.4.4 Military Equipment
  - 2.4.5 Others
- 2.5 Aluminium-ion Battery Market Size by Application
  - 2.5.1 Global Aluminium-ion Battery Market Size Market Share by Application (2024-2030)
  - 2.5.2 Global Aluminium-ion Battery Market Size Growth Rate by Application (2024-2030)

### 3 ALUMINIUM-ION BATTERY KEY PLAYERS

- 3.1 Date of Key Players Enter into Aluminium-ion Battery
- 3.2 Key Players Aluminium-ion Battery Product Offered

- 3.3 Key Players Aluminium-ion Battery Funding/Investment Analysis
- 3.4 Funding/Investment
  - 3.4.1 Funding/Investment by Regions
  - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Aluminium-ion Battery Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

## **4 ALUMINIUM-ION BATTERY BY REGIONS**

- 4.1 Aluminium-ion Battery Market Size by Regions (2024-2030)
- 4.2 United States Aluminium-ion Battery Market Size Growth (2024-2030)
- 4.3 China Aluminium-ion Battery Market Size Growth (2024-2030)
- 4.4 Europe Aluminium-ion Battery Market Size Growth (2024-2030)
- 4.5 Rest of World Aluminium-ion Battery Market Size Growth (2024-2030)

## **5 UNITED STATES**

- 5.1 United States Aluminium-ion Battery Market Size by Type (2024-2030)
- 5.2 United States Aluminium-ion Battery Market Size by Application (2024-2030)

## **6 EUROPE**

- 6.1 Europe Aluminium-ion Battery Market Size by Type (2024-2030)
- 6.2 Europe Aluminium-ion Battery Market Size by Application (2024-2030)

## **7 CHINA**

- 7.1 China Aluminium-ion Battery Market Size by Type (2024-2030)
- 7.2 China Aluminium-ion Battery Market Size by Application (2024-2030)

## **8 REST OF WORLD**

- 8.1 Rest of World Aluminium-ion Battery Market Size by Type (2024-2030)
- 8.2 Rest of World Aluminium-ion Battery Market Size by Application (2024-2030)
- 8.3 Japan

8.4 South Korea

8.5 Southeast Asia

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 KEY INVESTORS IN ALUMINIUM-ION BATTERY**

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

10.2.2 Company Description

10.2.3 Companies Invested by Company B

10.2.4 Company B Key Development and Market Layout

10.3 Company C

10.3.1 Company C Company Details

10.3.2 Company Description

10.3.3 Companies Invested by Company C

10.3.4 Company C Key Development and Market Layout

10.4 Company D

10.5 .....

## **11 KEY PLAYERS ANALYSIS**

11.1 Saturnose

11.1.1 Saturnose Company Details

11.1.2 Saturnose Aluminium-ion Battery Product Offered

11.1.3 Saturnose Aluminium-ion Battery Market Size (2024 VS 2030)

11.1.4 Saturnose Main Business Overview

11.1.5 Saturnose News

11.2 AB SYSTEMS INC

11.2.1 AB SYSTEMS INC Company Details

- 11.2.2 AB SYSTEMS INC Aluminium-ion Battery Product Offered
- 11.2.3 AB SYSTEMS INC Aluminium-ion Battery Market Size (2024 VS 2030)
- 11.2.4 AB SYSTEMS INC Main Business Overview
- 11.2.5 AB SYSTEMS INC News
- 11.3 GMG
  - 11.3.1 GMG Company Details
  - 11.3.2 GMG Aluminium-ion Battery Product Offered
  - 11.3.3 GMG Aluminium-ion Battery Market Size (2024 VS 2030)
  - 11.3.4 GMG Main Business Overview
  - 11.3.5 GMG News
- 11.4 CCS Electric
  - 11.4.1 CCS Electric Company Details
  - 11.4.2 CCS Electric Aluminium-ion Battery Product Offered
  - 11.4.3 CCS Electric Aluminium-ion Battery Market Size (2024 VS 2030)
  - 11.4.4 CCS Electric Main Business Overview
  - 11.4.5 CCS Electric News

...

## **12 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Aluminium-ion Battery Market Size CAGR by Region (2024-2030) (\$ Millions)
- Table 2. Major Players of 600 Wh/kg
- Table 3. Major Players of Others
- Table 4. Global Aluminium-ion Battery Market Size by Type (2024-2030) (\$ Millions)
- Table 5. Global Aluminium-ion Battery Market Size Market Share by Type (2024-2030)
- Table 6. Global Aluminium-ion Battery Market Size by Application (2024-2030) (\$ Millions)
- Table 7. Global Aluminium-ion Battery Market Size Market Share by Application (2024-2030)
- Table 8. Date of Global Key Players Enter into Aluminium-ion Battery Market
- Table 9. Global Key Players Aluminium-ion Battery Product Offered
- Table 10. Key Players Aluminium-ion Battery Funding/Investment (\$ Millions)
- Table 11. Funding/Investment by Regions
- Table 12. Funding/Investment by End Industry
- Table 13. Key Players Aluminium-ion Battery Valuation & Market Capitalization (\$ Millions)
- Table 14. Key Players Mergers & Acquisitions, Expansion Plans
- Table 15. Aluminium-ion Battery New Product/Technology Launches
- Table 16. Aluminium-ion Battery Industry Partnerships, Agreements, and Collaborations
- Table 17. Aluminium-ion Battery Industry Mergers and Acquisitions
- Table 18. Global Aluminium-ion Battery Market Size by Regions 2024-2030 (\$ Millions)
- Table 19. Global Aluminium-ion Battery Market Size Market Share by Regions 2024-2030
- Table 20. United States Aluminium-ion Battery Market Size by Type (2024-2030) (\$ Millions)
- Table 21. United States Aluminium-ion Battery Market Size Market Share by Type (2024-2030)
- Table 22. United States Aluminium-ion Battery Market Size by Application (2024-2030) (\$ Millions)
- Table 23. United States Aluminium-ion Battery Market Size Market Share by Application (2024-2030)
- Table 24. Europe Aluminium-ion Battery Market Size by Type (2024-2030) (\$ Millions)
- Table 25. Europe Aluminium-ion Battery Market Size Market Share by Type (2024-2030)
- Table 26. Europe Aluminium-ion Battery Market Size by Application (2024-2030) (\$

Millions)

Table 27. Europe Aluminium-ion Battery Market Size Market Share by Application (2024-2030)

Table 28. China Aluminium-ion Battery Market Size by Type (2024-2030) (\$ Millions)

Table 29. China Aluminium-ion Battery Market Size Market Share by Type (2024-2030)

Table 30. China Aluminium-ion Battery Market Size by Application (2024-2030) (\$ Millions)

Table 31. China Aluminium-ion Battery Market Size Market Share by Application (2024-2030)

Table 32. Rest of World Aluminium-ion Battery Market Size by Type (2024-2030) (\$ Millions)

Table 33. Rest of World Aluminium-ion Battery Market Size Market Share by Type (2024-2030)

Table 34. Rest of World Aluminium-ion Battery Market Size by Application (2024-2030) (\$ Millions)

Table 35. Rest of World Aluminium-ion Battery Market Size Market Share by Application (2024-2030)

Table 36. Key Market Drivers & Growth Opportunities of Aluminium-ion Battery

Table 37. Key Market Challenges & Risks of Aluminium-ion Battery

Table 38. Key Industry Trends of Aluminium-ion Battery

Table 39. Company A Company Details

Table 40. Companies Invested by Company A

Table 41. Company A Key Development and Market Layout

Table 42. Company B Company Details

Table 43. Companies Invested by Company B

Table 44. Company B Key Development and Market Layout

Table 45. Company C Company Details

Table 46. Companies Invested by Company C

Table 47. Company C Key Development and Market Layout

Table 48. Company C Company Details

Table 49. Companies Invested by Company C

Table 50. Company C Key Development and Market Layout

Table 51. Saturnose Basic Information, Head Office, Major Market Areas and Its Competitors

Table 52. Saturnose Aluminium-ion Battery Market Size (2024 VS 2030)

Table 53. AB SYSTEMS INC Basic Information, Head Office, Major Market Areas and Its Competitors

Table 54. AB SYSTEMS INC Aluminium-ion Battery Market Size (2024 VS 2030)

Table 55. GMG Basic Information, Head Office, Major Market Areas and Its Competitors



Table 56. GMG Aluminium-ion Battery Market Size (2024 VS 2030)

Table 57. CCS Electric Basic Information, Head Office, Major Market Areas and Its Competitors

Table 58. CCS Electric Aluminium-ion Battery Market Size (2024 VS 2030)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Aluminium-ion Battery
- Figure 2. Aluminium-ion Battery Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Aluminium-ion Battery Market Size Growth Rate 2024-2030 (\$ Millions)
- Figure 7. Aluminium-ion Battery Market Size by Region (2024 & 2030) (\$ millions)
- Figure 8. Global Aluminium-ion Battery Market Size Market Share by Type (2024-2030)
- Figure 9. Global 600 Wh/kg Market Size Growth Rate
- Figure 10. Global Others Market Size Growth Rate
- Figure 11. Aluminium-ion Battery in New Energy Vehicles
- Figure 12. Global Aluminium-ion Battery Market: New Energy Vehicles (2024-2030) (\$ Millions)
- Figure 13. Aluminium-ion Battery in Drone
- Figure 14. Global Aluminium-ion Battery Market: Drone (2024-2030) (\$ Millions)
- Figure 15. Aluminium-ion Battery in Energy Storage
- Figure 16. Global Aluminium-ion Battery Market: Energy Storage (2024-2030) (\$ Millions)
- Figure 17. Aluminium-ion Battery in Military Equipment
- Figure 18. Global Aluminium-ion Battery Market: Military Equipment (2024-2030) (\$ Millions)
- Figure 19. Aluminium-ion Battery in Others
- Figure 20. Global Aluminium-ion Battery Market: Others (2024-2030) (\$ Millions)
- Figure 21. Global Aluminium-ion Battery Market Size Market Share by Application (2024-2030)
- Figure 22. Global Aluminium-ion Battery Market Size in New Energy Vehicles Growth Rate
- Figure 23. Global Aluminium-ion Battery Market Size in Drone Growth Rate
- Figure 24. Global Aluminium-ion Battery Market Size in Energy Storage Growth Rate
- Figure 25. Global Aluminium-ion Battery Market Size in Military Equipment Growth Rate
- Figure 26. Global Aluminium-ion Battery Market Size in Others Growth Rate
- Figure 27. Funding/Investment
- Figure 28. Global Aluminium-ion Battery Market Size Market Share by Regions 2024-2030
- Figure 29. United States Aluminium-ion Battery Market Size 2024-2030 (\$ Millions)

- Figure 30. China Aluminium-ion Battery Market Size 2024-2030 (\$ Millions)
- Figure 31. Europe Aluminium-ion Battery Market Size 2024-2030 (\$ Millions)
- Figure 32. Rest of World Aluminium-ion Battery Market Size 2024-2030 (\$ Millions)
- Figure 33. United States Aluminium-ion Battery Consumption Market Share by Type in 2030
- Figure 34. United States Aluminium-ion Battery Market Size Market Share by Application in 2030
- Figure 35. China Aluminium-ion Battery Consumption Market Share by Type in 2030
- Figure 36. China Aluminium-ion Battery Market Size Market Share by Application in 2030
- Figure 37. Europe Aluminium-ion Battery Consumption Market Share by Type in 2030
- Figure 38. Europe Aluminium-ion Battery Market Size Market Share by Application in 2030
- Figure 39. Rest of World Aluminium-ion Battery Consumption Market Share by Type in 2030
- Figure 40. Rest of World Aluminium-ion Battery Market Size Market Share by Application in 2030

## I would like to order

Product name: Global Aluminium-ion Battery Market Growth (Status and Outlook) 2024-2030

Product link: <https://marketpublishers.com/r/G3F4F27F7714EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3F4F27F7714EN.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