

# Global Photovoltaic Module Aluminum Alloy Frame Market Growth 2024-2030

<https://marketpublishers.com/r/GE06841B30ABEN.html>

Date: November 2024

Pages: 115

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

ID: GE06841B30ABEN

## Abstracts

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

Photovoltaic frame is one of the important auxiliary materials of the module, which is mainly used to protect the edge of photovoltaic glass, strengthen the sealing performance of the module, and improve the mechanical strength of the module, which has an important impact on the life of the module. Photovoltaic frame is an important auxiliary material of photovoltaic modules. In the process of many years of development along with the photovoltaic industry, aluminum alloy material has dominated the gold frame market with many advantages, and the current penetration rate is over 95%.

The global Photovoltaic Module Aluminum Alloy Frame market size is projected to grow from US\$ 7581 million in 2024 to US\$ 8497 million in 2030; it is expected to grow at a CAGR of 1.9% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Photovoltaic Module Aluminum Alloy Frame Industry Forecast" looks at past sales and reviews total world Photovoltaic Module Aluminum Alloy Frame sales in 2023, providing a comprehensive analysis by region and market sector of projected Photovoltaic Module Aluminum Alloy Frame sales for 2024 through 2030. With Photovoltaic Module Aluminum Alloy Frame sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Photovoltaic Module Aluminum Alloy Frame industry.

This Insight Report provides a comprehensive analysis of the global Photovoltaic Module Aluminum Alloy Frame landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with

a focus on Photovoltaic Module Aluminum Alloy Frame portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Photovoltaic Module Aluminum Alloy Frame market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Photovoltaic Module Aluminum Alloy Frame and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Photovoltaic Module Aluminum Alloy Frame.

United States market for Photovoltaic Module Aluminum Alloy Frame is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Photovoltaic Module Aluminum Alloy Frame is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Photovoltaic Module Aluminum Alloy Frame is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Photovoltaic Module Aluminum Alloy Frame players cover Yonz Technology, Anhui Xinbo Aluminum, CITIC Bohai Aluminum Industries Holding Company, Yingkou Changtai, Zhejiang Akcome New Energy Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Photovoltaic Module Aluminum Alloy Frame market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Closed Cavity

Open Cavity

Segmentation by Application:

Centralized Photovoltaic Power Station

Distributed Photovoltaic Power Station

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Yonz Technology

Anhui Xinbo Aluminum

CITIC Bohai Aluminum Industries Holding Company

Yingkou Changtai

Zhejiang Akcome New Energy Technology

BASF

Origami Solar

Nawray

Covestro

Vishakha

Targray

Wellste Aluminum

Esdec

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Photovoltaic Module Aluminum Alloy Frame market?

What factors are driving Photovoltaic Module Aluminum Alloy Frame market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Photovoltaic Module Aluminum Alloy Frame market opportunities vary by end market size?

How does Photovoltaic Module Aluminum Alloy Frame break out by Type, by Application?

## 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
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Photovoltaic Module Aluminum Alloy Frame Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Photovoltaic Module Aluminum Alloy Frame by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Photovoltaic Module Aluminum Alloy Frame by Country/Region, 2019, 2023 & 2030

#### 2.2 Photovoltaic Module Aluminum Alloy Frame Segment by Type

- 2.2.1 Closed Cavity
- 2.2.2 Open Cavity

#### 2.3 Photovoltaic Module Aluminum Alloy Frame Sales by Type

- 2.3.1 Global Photovoltaic Module Aluminum Alloy Frame Sales Market Share by Type (2019-2024)
- 2.3.2 Global Photovoltaic Module Aluminum Alloy Frame Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Photovoltaic Module Aluminum Alloy Frame Sale Price by Type (2019-2024)

#### 2.4 Photovoltaic Module Aluminum Alloy Frame Segment by Application

- 2.4.1 Centralized Photovoltaic Power Station
- 2.4.2 Distributed Photovoltaic Power Station

#### 2.5 Photovoltaic Module Aluminum Alloy Frame Sales by Application

- 2.5.1 Global Photovoltaic Module Aluminum Alloy Frame Sale Market Share by Application (2019-2024)
- 2.5.2 Global Photovoltaic Module Aluminum Alloy Frame Revenue and Market Share by Application (2019-2024)

2.5.3 Global Photovoltaic Module Aluminum Alloy Frame Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Photovoltaic Module Aluminum Alloy Frame Breakdown Data by Company

3.1.1 Global Photovoltaic Module Aluminum Alloy Frame Annual Sales by Company (2019-2024)

3.1.2 Global Photovoltaic Module Aluminum Alloy Frame Sales Market Share by Company (2019-2024)

3.2 Global Photovoltaic Module Aluminum Alloy Frame Annual Revenue by Company (2019-2024)

3.2.1 Global Photovoltaic Module Aluminum Alloy Frame Revenue by Company (2019-2024)

3.2.2 Global Photovoltaic Module Aluminum Alloy Frame Revenue Market Share by Company (2019-2024)

3.3 Global Photovoltaic Module Aluminum Alloy Frame Sale Price by Company

3.4 Key Manufacturers Photovoltaic Module Aluminum Alloy Frame Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Photovoltaic Module Aluminum Alloy Frame Product Location Distribution

3.4.2 Players Photovoltaic Module Aluminum Alloy Frame Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR PHOTOVOLTAIC MODULE ALUMINUM ALLOY FRAME BY GEOGRAPHIC REGION**

4.1 World Historic Photovoltaic Module Aluminum Alloy Frame Market Size by Geographic Region (2019-2024)

4.1.1 Global Photovoltaic Module Aluminum Alloy Frame Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Photovoltaic Module Aluminum Alloy Frame Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Photovoltaic Module Aluminum Alloy Frame Market Size by Country/Region (2019-2024)

- 4.2.1 Global Photovoltaic Module Aluminum Alloy Frame Annual Sales by Country/Region (2019-2024)
- 4.2.2 Global Photovoltaic Module Aluminum Alloy Frame Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Photovoltaic Module Aluminum Alloy Frame Sales Growth
- 4.4 APAC Photovoltaic Module Aluminum Alloy Frame Sales Growth
- 4.5 Europe Photovoltaic Module Aluminum Alloy Frame Sales Growth
- 4.6 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame Sales Growth

## **5 AMERICAS**

- 5.1 Americas Photovoltaic Module Aluminum Alloy Frame Sales by Country
  - 5.1.1 Americas Photovoltaic Module Aluminum Alloy Frame Sales by Country (2019-2024)
  - 5.1.2 Americas Photovoltaic Module Aluminum Alloy Frame Revenue by Country (2019-2024)
- 5.2 Americas Photovoltaic Module Aluminum Alloy Frame Sales by Type (2019-2024)
- 5.3 Americas Photovoltaic Module Aluminum Alloy Frame Sales by Application (2019-2024)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Photovoltaic Module Aluminum Alloy Frame Sales by Region
  - 6.1.1 APAC Photovoltaic Module Aluminum Alloy Frame Sales by Region (2019-2024)
  - 6.1.2 APAC Photovoltaic Module Aluminum Alloy Frame Revenue by Region (2019-2024)
- 6.2 APAC Photovoltaic Module Aluminum Alloy Frame Sales by Type (2019-2024)
- 6.3 APAC Photovoltaic Module Aluminum Alloy Frame Sales by Application (2019-2024)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia



## 6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Photovoltaic Module Aluminum Alloy Frame by Country

7.1.1 Europe Photovoltaic Module Aluminum Alloy Frame Sales by Country (2019-2024)

7.1.2 Europe Photovoltaic Module Aluminum Alloy Frame Revenue by Country (2019-2024)

### 7.2 Europe Photovoltaic Module Aluminum Alloy Frame Sales by Type (2019-2024)

7.3 Europe Photovoltaic Module Aluminum Alloy Frame Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## 8 MIDDLE EAST & AFRICA

### 8.1 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame by Country

8.1.1 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame Sales by Country (2019-2024)

8.1.2 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame Revenue by Country (2019-2024)

8.2 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame Sales by Type (2019-2024)

8.3 Middle East & Africa Photovoltaic Module Aluminum Alloy Frame Sales by Application (2019-2024)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## 9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of Photovoltaic Module Aluminum Alloy Frame

### 10.3 Manufacturing Process Analysis of Photovoltaic Module Aluminum Alloy Frame

### 10.4 Industry Chain Structure of Photovoltaic Module Aluminum Alloy Frame

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Photovoltaic Module Aluminum Alloy Frame Distributors

### 11.3 Photovoltaic Module Aluminum Alloy Frame Customer

## **12 WORLD FORECAST REVIEW FOR PHOTOVOLTAIC MODULE ALUMINUM ALLOY FRAME BY GEOGRAPHIC REGION**

### 12.1 Global Photovoltaic Module Aluminum Alloy Frame Market Size Forecast by Region

#### 12.1.1 Global Photovoltaic Module Aluminum Alloy Frame Forecast by Region (2025-2030)

#### 12.1.2 Global Photovoltaic Module Aluminum Alloy Frame Annual Revenue Forecast by Region (2025-2030)

### 12.2 Americas Forecast by Country (2025-2030)

### 12.3 APAC Forecast by Region (2025-2030)

### 12.4 Europe Forecast by Country (2025-2030)

### 12.5 Middle East & Africa Forecast by Country (2025-2030)

### 12.6 Global Photovoltaic Module Aluminum Alloy Frame Forecast by Type (2025-2030)

### 12.7 Global Photovoltaic Module Aluminum Alloy Frame Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Yonz Technology

#### 13.1.1 Yonz Technology Company Information

- 13.1.2 Yonz Technology Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
  - 13.1.3 Yonz Technology Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Yonz Technology Main Business Overview
  - 13.1.5 Yonz Technology Latest Developments
- 13.2 Anhui Xinbo Aluminum
  - 13.2.1 Anhui Xinbo Aluminum Company Information
  - 13.2.2 Anhui Xinbo Aluminum Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
    - 13.2.3 Anhui Xinbo Aluminum Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
    - 13.2.4 Anhui Xinbo Aluminum Main Business Overview
    - 13.2.5 Anhui Xinbo Aluminum Latest Developments
- 13.3 CITIC Bohai Aluminum Industries Holding Company
  - 13.3.1 CITIC Bohai Aluminum Industries Holding Company Company Information
  - 13.3.2 CITIC Bohai Aluminum Industries Holding Company Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
    - 13.3.3 CITIC Bohai Aluminum Industries Holding Company Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
    - 13.3.4 CITIC Bohai Aluminum Industries Holding Company Main Business Overview
    - 13.3.5 CITIC Bohai Aluminum Industries Holding Company Latest Developments
- 13.4 Yingkou Changtai
  - 13.4.1 Yingkou Changtai Company Information
  - 13.4.2 Yingkou Changtai Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
    - 13.4.3 Yingkou Changtai Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
    - 13.4.4 Yingkou Changtai Main Business Overview
    - 13.4.5 Yingkou Changtai Latest Developments
- 13.5 Zhejiang Akcome New Energy Technology
  - 13.5.1 Zhejiang Akcome New Energy Technology Company Information
  - 13.5.2 Zhejiang Akcome New Energy Technology Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
    - 13.5.3 Zhejiang Akcome New Energy Technology Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
    - 13.5.4 Zhejiang Akcome New Energy Technology Main Business Overview
    - 13.5.5 Zhejiang Akcome New Energy Technology Latest Developments
- 13.6 BASF

- 13.6.1 BASF Company Information
- 13.6.2 BASF Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
- 13.6.3 BASF Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.6.4 BASF Main Business Overview
- 13.6.5 BASF Latest Developments
- 13.7 Origami Solar
  - 13.7.1 Origami Solar Company Information
  - 13.7.2 Origami Solar Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
  - 13.7.3 Origami Solar Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 Origami Solar Main Business Overview
  - 13.7.5 Origami Solar Latest Developments
- 13.8 Nawray
  - 13.8.1 Nawray Company Information
  - 13.8.2 Nawray Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
  - 13.8.3 Nawray Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 Nawray Main Business Overview
  - 13.8.5 Nawray Latest Developments
- 13.9 Covestro
  - 13.9.1 Covestro Company Information
  - 13.9.2 Covestro Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
  - 13.9.3 Covestro Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Covestro Main Business Overview
  - 13.9.5 Covestro Latest Developments
- 13.10 Vishakha
  - 13.10.1 Vishakha Company Information
  - 13.10.2 Vishakha Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications
  - 13.10.3 Vishakha Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Vishakha Main Business Overview
  - 13.10.5 Vishakha Latest Developments

### 13.11 Targray

13.11.1 Targray Company Information

13.11.2 Targray Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications

13.11.3 Targray Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Targray Main Business Overview

13.11.5 Targray Latest Developments

### 13.12 Wellste Aluminum

13.12.1 Wellste Aluminum Company Information

13.12.2 Wellste Aluminum Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications

13.12.3 Wellste Aluminum Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Wellste Aluminum Main Business Overview

13.12.5 Wellste Aluminum Latest Developments

### 13.13 Esdec

13.13.1 Esdec Company Information

13.13.2 Esdec Photovoltaic Module Aluminum Alloy Frame Product Portfolios and Specifications

13.13.3 Esdec Photovoltaic Module Aluminum Alloy Frame Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Esdec Main Business Overview

13.13.5 Esdec Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

### LIST OF TABLES

Table 1. Photovoltaic Module Aluminum Alloy Frame Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Photovoltaic Module Aluminum Alloy Frame Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Closed Cavity

Table 4. Major Players of Open Cavity

Table 5. Global Photovoltaic Module Aluminum Alloy Frame Sales by Type (2019-2024) & (Units)

Table 6. Global Photovoltaic Module Aluminum Alloy Frame Sales Market Share by Type

(2019-2024)

Table 7. Global Photovoltaic Module Aluminum AlloyFrame Revenue byType (2019-2024) & (\$ million)

Table 8. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share byType (2019-2024)

Table 9. Global Photovoltaic Module Aluminum AlloyFrame Sale Price byType (2019-2024) & (US\$/Unit)

Table 10. Global Photovoltaic Module Aluminum AlloyFrame Sale by Application (2019-2024) & (Units)

Table 11. Global Photovoltaic Module Aluminum AlloyFrame Sale Market Share by Application (2019-2024)

Table 12. Global Photovoltaic Module Aluminum AlloyFrame Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Application (2019-2024)

Table 14. Global Photovoltaic Module Aluminum AlloyFrame Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Photovoltaic Module Aluminum AlloyFrame Sales by Company (2019-2024) & (Units)

Table 16. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Company (2019-2024)

Table 17. Global Photovoltaic Module Aluminum AlloyFrame Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Company (2019-2024)

Table 19. Global Photovoltaic Module Aluminum AlloyFrame Sale Price by Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Photovoltaic Module Aluminum AlloyFrame Producing Area Distribution and Sales Area

Table 21. Players Photovoltaic Module Aluminum AlloyFrame Products Offered

Table 22. Photovoltaic Module Aluminum AlloyFrame Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Photovoltaic Module Aluminum AlloyFrame Sales by Geographic Region (2019-2024) & (Units)

Table 26. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share Geographic Region (2019-2024)

Table 27. Global Photovoltaic Module Aluminum AlloyFrame Revenue by Geographic

Region (2019-2024) & (\$ millions)

Table 28. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Photovoltaic Module Aluminum AlloyFrame Sales by Country/Region (2019-2024) & (Units)

Table 30. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country/Region (2019-2024)

Table 31. Global Photovoltaic Module Aluminum AlloyFrame Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Photovoltaic Module Aluminum AlloyFrame Sales by Country (2019-2024) & (Units)

Table 34. Americas Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country (2019-2024)

Table 35. Americas Photovoltaic Module Aluminum AlloyFrame Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Photovoltaic Module Aluminum AlloyFrame Sales byType (2019-2024) & (Units)

Table 37. Americas Photovoltaic Module Aluminum AlloyFrame Sales by Application (2019-2024) & (Units)

Table 38. APAC Photovoltaic Module Aluminum AlloyFrame Sales by Region (2019-2024) & (Units)

Table 39. APAC Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Region (2019-2024)

Table 40. APAC Photovoltaic Module Aluminum AlloyFrame Revenue by Region (2019-2024) & (\$ millions)

Table 41. APAC Photovoltaic Module Aluminum AlloyFrame Sales byType (2019-2024) & (Units)

Table 42. APAC Photovoltaic Module Aluminum AlloyFrame Sales by Application (2019-2024) & (Units)

Table 43. Europe Photovoltaic Module Aluminum AlloyFrame Sales by Country (2019-2024) & (Units)

Table 44. Europe Photovoltaic Module Aluminum AlloyFrame Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Photovoltaic Module Aluminum AlloyFrame Sales byType (2019-2024) & (Units)

Table 46. Europe Photovoltaic Module Aluminum AlloyFrame Sales by Application (2019-2024) & (Units)

Table 47. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales by Country (2019-2024) & (Units)

Table 48. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales byType (2019-2024) & (Units)

Table 50. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales by Application (2019-2024) & (Units)

Table 51. Key Market Drivers & Growth Opportunities of Photovoltaic Module Aluminum AlloyFrame

Table 52. Key Market Challenges & Risks of Photovoltaic Module Aluminum AlloyFrame

Table 53. Key IndustryTrends of Photovoltaic Module Aluminum AlloyFrame

Table 54. Photovoltaic Module Aluminum AlloyFrame Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Photovoltaic Module Aluminum AlloyFrame Distributors List

Table 57. Photovoltaic Module Aluminum AlloyFrame Customer List

Table 58. Global Photovoltaic Module Aluminum AlloyFrame SalesForecast by Region (2025-2030) & (Units)

Table 59. Global Photovoltaic Module Aluminum AlloyFrame RevenueForecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Photovoltaic Module Aluminum AlloyFrame SalesForecast by Country (2025-2030) & (Units)

Table 61. Americas Photovoltaic Module Aluminum AlloyFrame Annual RevenueForecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Photovoltaic Module Aluminum AlloyFrame SalesForecast by Region (2025-2030) & (Units)

Table 63. APAC Photovoltaic Module Aluminum AlloyFrame Annual RevenueForecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Photovoltaic Module Aluminum AlloyFrame SalesForecast by Country (2025-2030) & (Units)

Table 65. Europe Photovoltaic Module Aluminum AlloyFrame RevenueForecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame SalesForecast by Country (2025-2030) & (Units)

Table 67. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame RevenueForecast by Country (2025-2030) & (\$ millions)

Table 68. Global Photovoltaic Module Aluminum AlloyFrame SalesForecast byType (2025-2030) & (Units)

Table 69. Global Photovoltaic Module Aluminum AlloyFrame RevenueForecast byType



(2025-2030) & (\$ millions)

Table 70. Global Photovoltaic Module Aluminum AlloyFrame SalesForecast by Application (2025-2030) & (Units)

Table 71. Global Photovoltaic Module Aluminum AlloyFrame RevenueForecast by Application (2025-2030) & (\$ millions)

Table 72. YonzTechnology Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 73. YonzTechnology Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 74. YonzTechnology Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. YonzTechnology Main Business

Table 76. YonzTechnology Latest Developments

Table 77. Anhui Xinbo Aluminum Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 78. Anhui Xinbo Aluminum Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 79. Anhui Xinbo Aluminum Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. Anhui Xinbo Aluminum Main Business

Table 81. Anhui Xinbo Aluminum Latest Developments

Table 82. CITIC Bohai Aluminum Industries Holding Company Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 83. CITIC Bohai Aluminum Industries Holding Company Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 84. CITIC Bohai Aluminum Industries Holding Company Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. CITIC Bohai Aluminum Industries Holding Company Main Business

Table 86. CITIC Bohai Aluminum Industries Holding Company Latest Developments

Table 87. Yingkou Changtai Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 88. Yingkou Changtai Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 89. Yingkou Changtai Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Yingkou Changtai Main Business

Table 91. Yingkou Changtai Latest Developments

Table 92. Zhejiang Akcome New EnergyTechnology Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 93. Zhejiang Akcome New EnergyTechnology Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 94. Zhejiang Akcome New EnergyTechnology Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Zhejiang Akcome New EnergyTechnology Main Business

Table 96. Zhejiang Akcome New EnergyTechnology Latest Developments

Table 97. BASF Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 98. BASF Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 99. BASF Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. BASF Main Business

Table 101. BASF Latest Developments

Table 102. Origami Solar Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 103. Origami Solar Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 104. Origami Solar Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 105. Origami Solar Main Business

Table 106. Origami Solar Latest Developments

Table 107. Nawray Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 108. Nawray Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 109. Nawray Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 110. Nawray Main Business

Table 111. Nawray Latest Developments

Table 112. Covestro Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 113. Covestro Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 114. Covestro Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 115. Covestro Main Business

Table 116. Covestro Latest Developments

Table 117. Vishakha Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 118. Vishakha Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 119. Vishakha Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 120. Vishakha Main Business

Table 121. Vishakha Latest Developments

Table 122.Targray Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 123.Targray Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 124.Targray Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 125.Targray Main Business

Table 126.Targray Latest Developments

Table 127. Wellste Aluminum Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 128. Wellste Aluminum Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 129. Wellste Aluminum Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 130. Wellste Aluminum Main Business

Table 131. Wellste Aluminum Latest Developments

Table 132. Esdec Basic Information, Photovoltaic Module Aluminum AlloyFrame Manufacturing Base, Sales Area and Its Competitors

Table 133. Esdec Photovoltaic Module Aluminum AlloyFrame Product Portfolios and Specifications

Table 134. Esdec Photovoltaic Module Aluminum AlloyFrame Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 135. Esdec Main Business

Table 136. Esdec Latest Developments

## **LIST OFFIGURES**

Figure 1. Picture of Photovoltaic Module Aluminum AlloyFrame

Figure 2. Photovoltaic Module Aluminum AlloyFrame Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Photovoltaic Module Aluminum AlloyFrame Sales Growth Rate 2019-2030 (Units)

Figure 7. Global Photovoltaic Module Aluminum AlloyFrame Revenue Growth Rate 2019-2030 (\$ millions)

Figure 8. Photovoltaic Module Aluminum AlloyFrame Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Figure 9. Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country/Region (2023)

Figure 10. Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country/Region (2019, 2023 & 2030)

Figure 11. Product Picture of Closed Cavity

Figure 12. Product Picture of Open Cavity

Figure 13. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share byType in 2023

Figure 14. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share byType (2019-2024)

Figure 15. Photovoltaic Module Aluminum AlloyFrame Consumed in Centralized Photovoltaic Power Station

Figure 16. Global Photovoltaic Module Aluminum AlloyFrame Market: Centralized Photovoltaic Power Station (2019-2024) & (Units)

Figure 17. Photovoltaic Module Aluminum AlloyFrame Consumed in Distributed Photovoltaic Power Station

Figure 18. Global Photovoltaic Module Aluminum AlloyFrame Market: Distributed Photovoltaic Power Station (2019-2024) & (Units)

Figure 19. Global Photovoltaic Module Aluminum AlloyFrame Sale Market Share by Application (2023)

Figure 20. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Application in 2023

Figure 21. Photovoltaic Module Aluminum AlloyFrame Sales by Company in 2023 (Units)

Figure 22. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Company in 2023

Figure 23. Photovoltaic Module Aluminum AlloyFrame Revenue by Company in 2023 (\$ millions)

Figure 24. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Company in 2023

Figure 25. Global Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Geographic Region (2019-2024)

Figure 26. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Geographic Region in 2023

Figure 27. Americas Photovoltaic Module Aluminum AlloyFrame Sales 2019-2024 (Units)

Figure 28. Americas Photovoltaic Module Aluminum AlloyFrame Revenue 2019-2024 (\$ millions)

Figure 29. APAC Photovoltaic Module Aluminum AlloyFrame Sales 2019-2024 (Units)

Figure 30. APAC Photovoltaic Module Aluminum AlloyFrame Revenue 2019-2024 (\$ millions)

Figure 31. Europe Photovoltaic Module Aluminum AlloyFrame Sales 2019-2024 (Units)

Figure 32. Europe Photovoltaic Module Aluminum AlloyFrame Revenue 2019-2024 (\$ millions)

Figure 33. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales 2019-2024 (Units)

Figure 34. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Revenue 2019-2024 (\$ millions)

Figure 35. Americas Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country in 2023

Figure 36. Americas Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Country (2019-2024)

Figure 37. Americas Photovoltaic Module Aluminum AlloyFrame Sales Market Share byType (2019-2024)

Figure 38. Americas Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Application (2019-2024)

Figure 39. United States Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 40. Canada Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 41. Mexico Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 42. Brazil Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 43. APAC Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Region in 2023

Figure 44. APAC Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by

Region (2019-2024)

Figure 45. APAC Photovoltaic Module Aluminum AlloyFrame Sales Market Share byType (2019-2024)

Figure 46. APAC Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Application (2019-2024)

Figure 47. China Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 48. Japan Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 49. South Korea Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 50. Southeast Asia Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 51. India Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 52. Australia Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 53. ChinaTaiwan Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 54. Europe Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country in 2023

Figure 55. Europe Photovoltaic Module Aluminum AlloyFrame Revenue Market Share by Country (2019-2024)

Figure 56. Europe Photovoltaic Module Aluminum AlloyFrame Sales Market Share byType (2019-2024)

Figure 57. Europe Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Application (2019-2024)

Figure 58. Germany Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 59. France Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 60. UK Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 61. Italy Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 62. Russia Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 63. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Country (2019-2024)

Figure 64. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales Market Share byType (2019-2024)

Figure 65. Middle East & Africa Photovoltaic Module Aluminum AlloyFrame Sales Market Share by Application (2019-2024)

Figure 66. Egypt Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 67. South Africa Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 68. Israel Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 69. Turkey Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 70. GCC Countries Photovoltaic Module Aluminum AlloyFrame Revenue Growth 2019-2024 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of Photovoltaic Module Aluminum AlloyFrame in 2023

Figure 72. Manufacturing Process Analysis of Photovoltaic Module Aluminum AlloyFrame

Figure 73. Industry Chain Structure of Photovoltaic Module Aluminum AlloyFrame

Figure 74. Channels of Distribution

Figure 75. Global Photovoltaic Module Aluminum AlloyFrame Sales MarketForecast by Region (2025-2030)

Figure 76. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market ShareForecast by Region (2025-2030)

Figure 77. Global Photovoltaic Module Aluminum AlloyFrame Sales Market ShareForecast byType (2025-2030)

Figure 78. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market ShareForecast byType (2025-2030)

Figure 79. Global Photovoltaic Module Aluminum AlloyFrame Sales Market ShareForecast by Application (2025-2030)

Figure 80. Global Photovoltaic Module Aluminum AlloyFrame Revenue Market ShareForecast by Application (2025-2030)

## I would like to order

Product name: Global Photovoltaic Module Aluminum Alloy Frame Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GE06841B30ABEN.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/GE06841B30ABEN.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