

Global Solar Panels Frame Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G30F3D299CB5EN.html>

Date: June 2026

Pages: 163

Price: US\$ 4,480.00 (Single User License)

ID: G30F3D299CB5EN

Abstracts

The global Solar Panels Frame market size is expected to reach \$ 12658 million by 2032, rising at a market growth of 8.1% CAGR during the forecast period (2026-2032).

Solar panel frames are structural components that provide mechanical support, edge protection, and sealing for photovoltaic modules. These frames protect the edges of photovoltaic glass, enhance sealing performance, improve mechanical strength, and facilitate transportation and installation of solar panels. The frames bear wind and snow loads while providing essential corrosion resistance and electrical insulation. Aluminum alloy frames dominate the market with over 95% market share due to their superior strength characteristics, excellent corrosion resistance, strong tensile properties, and recyclability advantages. Composite material frames (fiberglass-reinforced plastics) represent an emerging technology segment offering weight reduction benefits and enhanced corrosion resistance, particularly suitable for harsh environments such as coastal and offshore installations. From a value chain perspective, upstream includes aluminum ingot and composite material suppliers, extrusion equipment manufacturers, and surface treatment chemical providers; midstream involves aluminum profile extrusion, composite pultrusion, surface anodizing or coating, cutting, punching, assembly, and quality testing; downstream demand spans photovoltaic module manufacturers, solar power plant developers, distributed solar installers, and BIPV system integrators. In 2025, the average selling price is approximately US\$3,049 per ton, global sales volume is about 2,345k tons, and gross margins generally range from 20% to 40%, driven by raw material aluminum costs, extrusion process complexity, surface treatment requirements, and photovoltaic industry certification standards.

The solar panels frame market is experiencing robust growth driven by the explosive expansion of global solar photovoltaic installations. According to International Energy

Agency data, global PV installations surged from 117 GW in 2019 to 375 GW in 2024, with projections indicating continued expansion to 402 GW in 2025 and 540 GW by 2028. This remarkable growth trajectory reflects the accelerating global transition toward renewable energy sources and the increasing cost competitiveness of solar technology. The construction of large-scale solar power plants and increasing adoption of rooftop solar installations by both commercial and residential customers are primary drivers of frame demand.

Another key trend is the overwhelming dominance of aluminum alloy frames in the market. Aluminum frames represent approximately 9-14% of total module costs, making them the highest cost-proportion auxiliary material in photovoltaic systems. Aluminum frames benefit from decades of market validation, offering excellent strength-to-weight ratio, superior corrosion and oxidation resistance, and full recyclability. The aluminum frame segment is projected to maintain steady growth rates of 8-12% annually, supported by continued solar deployment expansion and ongoing material optimization efforts.

This report studies the global Solar Panels Frame production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Solar Panels Frame and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Solar Panels Frame that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Solar Panels Frame total production and demand, 2021-2032, (Kilotons)

Global Solar Panels Frame total production value, 2021-2032, (USD Million)

Global Solar Panels Frame production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Solar Panels Frame consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Solar Panels Frame domestic production, consumption, key domestic manufacturers and share

Global Solar Panels Frame production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Solar Panels Frame production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Solar Panels Frame production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Solar Panels Frame market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Yonz Technology Co., Ltd., Xinbo Aluminum Co., Ltd., CITIC Bohai Aluminum, Yingkou Changtai Aluminum, Akcome Science and Technology, Jiangyin Donghua Aluminum Technology, Suzhou Sentong Photovoltaic, Nippon Light Metal Co., Ltd., Howick Ltd, Zhangjiagang Sunrise Power, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Solar Panels Frame market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Solar Panels Frame Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Solar Panels Frame Market, Segmentation by Type:

Aluminum Alloy Frame

Glass Fiber Reinforced Composite Frame

Carbon Fiber Composite Frame

Steel Frame

Global Solar Panels Frame Market, Segmentation by Frame Cavity Type:

Closed Cavity Frame

Open Cavity Frame

Global Solar Panels Frame Market, Segmentation by Surface Treatment:

Anodized Aluminum Frame

Powder-Coated Aluminum Frame

PVDF Coated Aluminum Frame

Global Solar Panels Frame Market, Segmentation by Application:

Commercial

Residential

Industrial

Companies Profiled:

Yonz Technology Co., Ltd.

Xinbo Aluminum Co., Ltd.

CITIC Bohai Aluminum

Yingkou Changtai Aluminum

Akcome Science and Technology

Jiangyin Donghua Aluminum Technology

Suzhou Sentong Photovoltaic

Nippon Light Metal Co., Ltd.

Howick Ltd

Zhangjiagang Sunrise Power

Accelor Precision Corporation

Wellste Aluminum

Fujian Fenan Aluminum Co.

Chuangjia Aluminium

BASF SE

Covestro AG

Origami Solar

Targray

Esdec

Sinoma Science & Technology

Zhenshi Group

Haiyuan Composites

Jiangsu Wolei New Material

Zhejiang Deyilong Technology

Lesso Group

Key Questions Answered:

1. How big is the global Solar Panels Frame market?
2. What is the demand of the global Solar Panels Frame market?
3. What is the year over year growth of the global Solar Panels Frame market?
4. What is the production and production value of the global Solar Panels Frame market?
5. Who are the key producers in the global Solar Panels Frame market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Solar Panels Frame Introduction
- 1.2 World Solar Panels Frame Supply & Forecast
 - 1.2.1 World Solar Panels Frame Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Solar Panels Frame Production (2021-2032)
 - 1.2.3 World Solar Panels Frame Pricing Trends (2021-2032)
- 1.3 World Solar Panels Frame Production by Region (Based on Production Site)
 - 1.3.1 World Solar Panels Frame Production Value by Region (2021-2032)
 - 1.3.2 World Solar Panels Frame Production by Region (2021-2032)
 - 1.3.3 World Solar Panels Frame Average Price by Region (2021-2032)
 - 1.3.4 North America Solar Panels Frame Production (2021-2032)
 - 1.3.5 Europe Solar Panels Frame Production (2021-2032)
 - 1.3.6 China Solar Panels Frame Production (2021-2032)
 - 1.3.7 Japan Solar Panels Frame Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Solar Panels Frame Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Solar Panels Frame Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Solar Panels Frame Demand (2021-2032)
- 2.2 World Solar Panels Frame Consumption by Region
 - 2.2.1 World Solar Panels Frame Consumption by Region (2021-2026)
 - 2.2.2 World Solar Panels Frame Consumption Forecast by Region (2027-2032)
- 2.3 United States Solar Panels Frame Consumption (2021-2032)
- 2.4 China Solar Panels Frame Consumption (2021-2032)
- 2.5 Europe Solar Panels Frame Consumption (2021-2032)
- 2.6 Japan Solar Panels Frame Consumption (2021-2032)
- 2.7 South Korea Solar Panels Frame Consumption (2021-2032)
- 2.8 ASEAN Solar Panels Frame Consumption (2021-2032)
- 2.9 India Solar Panels Frame Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Solar Panels Frame Production Value by Manufacturer (2021-2026)

- 3.2 World Solar Panels Frame Production by Manufacturer (2021-2026)
- 3.3 World Solar Panels Frame Average Price by Manufacturer (2021-2026)
- 3.4 Solar Panels Frame Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Solar Panels Frame Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Solar Panels Frame in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Solar Panels Frame in 2025
- 3.6 Solar Panels Frame Market: Overall Company Footprint Analysis
 - 3.6.1 Solar Panels Frame Market: Region Footprint
 - 3.6.2 Solar Panels Frame Market: Company Product Type Footprint
 - 3.6.3 Solar Panels Frame Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Solar Panels Frame Production Value Comparison
 - 4.1.1 United States VS China: Solar Panels Frame Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Solar Panels Frame Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Solar Panels Frame Production Comparison
 - 4.2.1 United States VS China: Solar Panels Frame Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Solar Panels Frame Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Solar Panels Frame Consumption Comparison
 - 4.3.1 United States VS China: Solar Panels Frame Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Solar Panels Frame Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Solar Panels Frame Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Solar Panels Frame Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Solar Panels Frame Production Value (2021-2026)

4.4.3 United States Based Manufacturers Solar Panels Frame Production (2021-2026)

4.5 China Based Solar Panels Frame Manufacturers and Market Share

4.5.1 China Based Solar Panels Frame Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Solar Panels Frame Production Value (2021-2026)

4.5.3 China Based Manufacturers Solar Panels Frame Production (2021-2026)

4.6 Rest of World Based Solar Panels Frame Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Solar Panels Frame Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Solar Panels Frame Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Solar Panels Frame Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Solar Panels Frame Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Aluminum Alloy Frame

5.2.2 Glass Fiber Reinforced Composite Frame

5.2.3 Carbon Fiber Composite Frame

5.2.4 Steel Frame

5.3 Market Segment by Type

5.3.1 World Solar Panels Frame Production by Type (2021-2032)

5.3.2 World Solar Panels Frame Production Value by Type (2021-2032)

5.3.3 World Solar Panels Frame Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY FRAME CAVITY TYPE

6.1 World Solar Panels Frame Market Size Overview by Frame Cavity Type: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Frame Cavity Type

6.2.1 Closed Cavity Frame

6.2.2 Open Cavity Frame

6.3 Market Segment by Frame Cavity Type

6.3.1 World Solar Panels Frame Production by Frame Cavity Type (2021-2032)

6.3.2 World Solar Panels Frame Production Value by Frame Cavity Type (2021-2032)

6.3.3 World Solar Panels Frame Average Price by Frame Cavity Type (2021-2032)

7 MARKET ANALYSIS BY SURFACE TREATMENT

7.1 World Solar Panels Frame Market Size Overview by Surface Treatment: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Surface Treatment

7.2.1 Anodized Aluminum Frame

7.2.2 Powder-Coated Aluminum Frame

7.2.3 PVDF Coated Aluminum Frame

7.3 Market Segment by Surface Treatment

7.3.1 World Solar Panels Frame Production by Surface Treatment (2021-2032)

7.3.2 World Solar Panels Frame Production Value by Surface Treatment (2021-2032)

7.3.3 World Solar Panels Frame Average Price by Surface Treatment (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Solar Panels Frame Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Commercial

8.2.2 Residential

8.2.3 Industrial

8.3 Market Segment by Application

8.3.1 World Solar Panels Frame Production by Application (2021-2032)

8.3.2 World Solar Panels Frame Production Value by Application (2021-2032)

8.3.3 World Solar Panels Frame Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Yonz Technology Co., Ltd.

9.1.1 Yonz Technology Co., Ltd. Details

9.1.2 Yonz Technology Co., Ltd. Major Business

9.1.3 Yonz Technology Co., Ltd. Solar Panels Frame Product and Services

9.1.4 Yonz Technology Co., Ltd. Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Yonz Technology Co., Ltd. Recent Developments/Updates

9.1.6 Yonz Technology Co., Ltd. Competitive Strengths & Weaknesses

9.2 Xinbo Aluminum Co., Ltd.

- 9.2.1 Xinbo Aluminum Co., Ltd. Details
- 9.2.2 Xinbo Aluminum Co., Ltd. Major Business
- 9.2.3 Xinbo Aluminum Co., Ltd. Solar Panels Frame Product and Services
- 9.2.4 Xinbo Aluminum Co., Ltd. Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 Xinbo Aluminum Co., Ltd. Recent Developments/Updates
- 9.2.6 Xinbo Aluminum Co., Ltd. Competitive Strengths & Weaknesses
- 9.3 CITIC Bohai Aluminum
 - 9.3.1 CITIC Bohai Aluminum Details
 - 9.3.2 CITIC Bohai Aluminum Major Business
 - 9.3.3 CITIC Bohai Aluminum Solar Panels Frame Product and Services
 - 9.3.4 CITIC Bohai Aluminum Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 CITIC Bohai Aluminum Recent Developments/Updates
 - 9.3.6 CITIC Bohai Aluminum Competitive Strengths & Weaknesses
- 9.4 Yingkou Changtai Aluminum
 - 9.4.1 Yingkou Changtai Aluminum Details
 - 9.4.2 Yingkou Changtai Aluminum Major Business
 - 9.4.3 Yingkou Changtai Aluminum Solar Panels Frame Product and Services
 - 9.4.4 Yingkou Changtai Aluminum Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Yingkou Changtai Aluminum Recent Developments/Updates
 - 9.4.6 Yingkou Changtai Aluminum Competitive Strengths & Weaknesses
- 9.5 Akcome Science and Technology
 - 9.5.1 Akcome Science and Technology Details
 - 9.5.2 Akcome Science and Technology Major Business
 - 9.5.3 Akcome Science and Technology Solar Panels Frame Product and Services
 - 9.5.4 Akcome Science and Technology Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Akcome Science and Technology Recent Developments/Updates
 - 9.5.6 Akcome Science and Technology Competitive Strengths & Weaknesses
- 9.6 Jiangyin Donghua Aluminum Technology
 - 9.6.1 Jiangyin Donghua Aluminum Technology Details
 - 9.6.2 Jiangyin Donghua Aluminum Technology Major Business
 - 9.6.3 Jiangyin Donghua Aluminum Technology Solar Panels Frame Product and Services
 - 9.6.4 Jiangyin Donghua Aluminum Technology Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Jiangyin Donghua Aluminum Technology Recent Developments/Updates

- 9.6.6 Jiangyin Donghua Aluminum Technology Competitive Strengths & Weaknesses
- 9.7 Suzhou Sentong Photovoltaic
 - 9.7.1 Suzhou Sentong Photovoltaic Details
 - 9.7.2 Suzhou Sentong Photovoltaic Major Business
 - 9.7.3 Suzhou Sentong Photovoltaic Solar Panels Frame Product and Services
 - 9.7.4 Suzhou Sentong Photovoltaic Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Suzhou Sentong Photovoltaic Recent Developments/Updates
 - 9.7.6 Suzhou Sentong Photovoltaic Competitive Strengths & Weaknesses
- 9.8 Nippon Light Metal Co., Ltd.
 - 9.8.1 Nippon Light Metal Co., Ltd. Details
 - 9.8.2 Nippon Light Metal Co., Ltd. Major Business
 - 9.8.3 Nippon Light Metal Co., Ltd. Solar Panels Frame Product and Services
 - 9.8.4 Nippon Light Metal Co., Ltd. Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Nippon Light Metal Co., Ltd. Recent Developments/Updates
 - 9.8.6 Nippon Light Metal Co., Ltd. Competitive Strengths & Weaknesses
- 9.9 Howick Ltd
 - 9.9.1 Howick Ltd Details
 - 9.9.2 Howick Ltd Major Business
 - 9.9.3 Howick Ltd Solar Panels Frame Product and Services
 - 9.9.4 Howick Ltd Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Howick Ltd Recent Developments/Updates
 - 9.9.6 Howick Ltd Competitive Strengths & Weaknesses
- 9.10 Zhangjiagang Sunrise Power
 - 9.10.1 Zhangjiagang Sunrise Power Details
 - 9.10.2 Zhangjiagang Sunrise Power Major Business
 - 9.10.3 Zhangjiagang Sunrise Power Solar Panels Frame Product and Services
 - 9.10.4 Zhangjiagang Sunrise Power Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Zhangjiagang Sunrise Power Recent Developments/Updates
 - 9.10.6 Zhangjiagang Sunrise Power Competitive Strengths & Weaknesses
- 9.11 Accelor Precision Corporation
 - 9.11.1 Accelor Precision Corporation Details
 - 9.11.2 Accelor Precision Corporation Major Business
 - 9.11.3 Accelor Precision Corporation Solar Panels Frame Product and Services
 - 9.11.4 Accelor Precision Corporation Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.11.5 Accelor Precision Corporation Recent Developments/Updates
- 9.11.6 Accelor Precision Corporation Competitive Strengths & Weaknesses
- 9.12 Wellste Aluminum
 - 9.12.1 Wellste Aluminum Details
 - 9.12.2 Wellste Aluminum Major Business
 - 9.12.3 Wellste Aluminum Solar Panels Frame Product and Services
 - 9.12.4 Wellste Aluminum Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Wellste Aluminum Recent Developments/Updates
 - 9.12.6 Wellste Aluminum Competitive Strengths & Weaknesses
- 9.13 Fujian Fenan Aluminum Co.
 - 9.13.1 Fujian Fenan Aluminum Co. Details
 - 9.13.2 Fujian Fenan Aluminum Co. Major Business
 - 9.13.3 Fujian Fenan Aluminum Co. Solar Panels Frame Product and Services
 - 9.13.4 Fujian Fenan Aluminum Co. Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Fujian Fenan Aluminum Co. Recent Developments/Updates
 - 9.13.6 Fujian Fenan Aluminum Co. Competitive Strengths & Weaknesses
- 9.14 Chuangjia Aluminium
 - 9.14.1 Chuangjia Aluminium Details
 - 9.14.2 Chuangjia Aluminium Major Business
 - 9.14.3 Chuangjia Aluminium Solar Panels Frame Product and Services
 - 9.14.4 Chuangjia Aluminium Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Chuangjia Aluminium Recent Developments/Updates
 - 9.14.6 Chuangjia Aluminium Competitive Strengths & Weaknesses
- 9.15 BASF SE
 - 9.15.1 BASF SE Details
 - 9.15.2 BASF SE Major Business
 - 9.15.3 BASF SE Solar Panels Frame Product and Services
 - 9.15.4 BASF SE Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 BASF SE Recent Developments/Updates
 - 9.15.6 BASF SE Competitive Strengths & Weaknesses
- 9.16 Covestro AG
 - 9.16.1 Covestro AG Details
 - 9.16.2 Covestro AG Major Business
 - 9.16.3 Covestro AG Solar Panels Frame Product and Services
 - 9.16.4 Covestro AG Solar Panels Frame Production, Price, Value, Gross Margin and

Market Share (2021-2026)

9.16.5 Covestro AG Recent Developments/Updates

9.16.6 Covestro AG Competitive Strengths & Weaknesses

9.17 Origami Solar

9.17.1 Origami Solar Details

9.17.2 Origami Solar Major Business

9.17.3 Origami Solar Solar Panels Frame Product and Services

9.17.4 Origami Solar Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 Origami Solar Recent Developments/Updates

9.17.6 Origami Solar Competitive Strengths & Weaknesses

9.18 Targray

9.18.1 Targray Details

9.18.2 Targray Major Business

9.18.3 Targray Solar Panels Frame Product and Services

9.18.4 Targray Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.18.5 Targray Recent Developments/Updates

9.18.6 Targray Competitive Strengths & Weaknesses

9.19 Esdec

9.19.1 Esdec Details

9.19.2 Esdec Major Business

9.19.3 Esdec Solar Panels Frame Product and Services

9.19.4 Esdec Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 Esdec Recent Developments/Updates

9.19.6 Esdec Competitive Strengths & Weaknesses

9.20 Sinoma Science & Technology

9.20.1 Sinoma Science & Technology Details

9.20.2 Sinoma Science & Technology Major Business

9.20.3 Sinoma Science & Technology Solar Panels Frame Product and Services

9.20.4 Sinoma Science & Technology Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.20.5 Sinoma Science & Technology Recent Developments/Updates

9.20.6 Sinoma Science & Technology Competitive Strengths & Weaknesses

9.21 Zhenshi Group

9.21.1 Zhenshi Group Details

9.21.2 Zhenshi Group Major Business

9.21.3 Zhenshi Group Solar Panels Frame Product and Services

- 9.21.4 Zhenshi Group Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.21.5 Zhenshi Group Recent Developments/Updates
- 9.21.6 Zhenshi Group Competitive Strengths & Weaknesses
- 9.22 Haiyuan Composites
 - 9.22.1 Haiyuan Composites Details
 - 9.22.2 Haiyuan Composites Major Business
 - 9.22.3 Haiyuan Composites Solar Panels Frame Product and Services
 - 9.22.4 Haiyuan Composites Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.22.5 Haiyuan Composites Recent Developments/Updates
 - 9.22.6 Haiyuan Composites Competitive Strengths & Weaknesses
- 9.23 Jiangsu Wolei New Material
 - 9.23.1 Jiangsu Wolei New Material Details
 - 9.23.2 Jiangsu Wolei New Material Major Business
 - 9.23.3 Jiangsu Wolei New Material Solar Panels Frame Product and Services
 - 9.23.4 Jiangsu Wolei New Material Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.23.5 Jiangsu Wolei New Material Recent Developments/Updates
 - 9.23.6 Jiangsu Wolei New Material Competitive Strengths & Weaknesses
- 9.24 Zhejiang Deyilong Technology
 - 9.24.1 Zhejiang Deyilong Technology Details
 - 9.24.2 Zhejiang Deyilong Technology Major Business
 - 9.24.3 Zhejiang Deyilong Technology Solar Panels Frame Product and Services
 - 9.24.4 Zhejiang Deyilong Technology Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.24.5 Zhejiang Deyilong Technology Recent Developments/Updates
 - 9.24.6 Zhejiang Deyilong Technology Competitive Strengths & Weaknesses
- 9.25 Lesso Group
 - 9.25.1 Lesso Group Details
 - 9.25.2 Lesso Group Major Business
 - 9.25.3 Lesso Group Solar Panels Frame Product and Services
 - 9.25.4 Lesso Group Solar Panels Frame Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.25.5 Lesso Group Recent Developments/Updates
 - 9.25.6 Lesso Group Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Solar Panels Frame Industry Chain
- 10.2 Solar Panels Frame Upstream Analysis
 - 10.2.1 Solar Panels Frame Core Raw Materials
 - 10.2.2 Main Manufacturers of Solar Panels Frame Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Solar Panels Frame Production Mode
- 10.6 Solar Panels Frame Procurement Model
- 10.7 Solar Panels Frame Industry Sales Model and Sales Channels
 - 10.7.1 Solar Panels Frame Sales Model
 - 10.7.2 Solar Panels Frame Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Solar Panels Frame Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Solar Panels Frame Production Value by Region (2021-2026) & (USD Million)

Table 3. World Solar Panels Frame Production Value by Region (2027-2032) & (USD Million)

Table 4. World Solar Panels Frame Production Value Market Share by Region (2021-2026)

Table 5. World Solar Panels Frame Production Value Market Share by Region (2027-2032)

Table 6. World Solar Panels Frame Production by Region (2021-2026) & (Kilotons)

Table 7. World Solar Panels Frame Production by Region (2027-2032) & (Kilotons)

Table 8. World Solar Panels Frame Production Market Share by Region (2021-2026)

Table 9. World Solar Panels Frame Production Market Share by Region (2027-2032)

Table 10. World Solar Panels Frame Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Solar Panels Frame Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Solar Panels Frame Major Market Trends

Table 13. World Solar Panels Frame Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Kilotons)

Table 14. World Solar Panels Frame Consumption by Region (2021-2026) & (Kilotons)

Table 15. World Solar Panels Frame Consumption Forecast by Region (2027-2032) & (Kilotons)

Table 16. World Solar Panels Frame Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Solar Panels Frame Producers in 2025

Table 18. World Solar Panels Frame Production by Manufacturer (2021-2026) & (Kilotons)

Table 19. Production Market Share of Key Solar Panels Frame Producers in 2025

Table 20. World Solar Panels Frame Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Solar Panels Frame Company Evaluation Quadrant

Table 22. World Solar Panels Frame Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Solar Panels Frame Production Site of Key Manufacturer

Table 24. Solar Panels Frame Market: Company Product Type Footprint

Table 25. Solar Panels Frame Market: Company Product Application Footprint

Table 26. Solar Panels Frame Competitive Factors

Table 27. Solar Panels Frame New Entrant and Capacity Expansion Plans

Table 28. Solar Panels Frame Mergers & Acquisitions Activity

Table 29. United States VS China Solar Panels Frame Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Solar Panels Frame Production Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 31. United States VS China Solar Panels Frame Consumption Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 32. United States Based Solar Panels Frame Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Solar Panels Frame Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Solar Panels Frame Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Solar Panels Frame Production (2021-2026) & (Kilotons)

Table 36. United States Based Manufacturers Solar Panels Frame Production Market Share (2021-2026)

Table 37. China Based Solar Panels Frame Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Solar Panels Frame Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Solar Panels Frame Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Solar Panels Frame Production, (2021-2026) & (Kilotons)

Table 41. China Based Manufacturers Solar Panels Frame Production Market Share (2021-2026)

Table 42. Rest of World Based Solar Panels Frame Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Solar Panels Frame Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Solar Panels Frame Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Solar Panels Frame Production,

(2021-2026) & (Kilotons)

Table 46. Rest of World Based Manufacturers Solar Panels Frame Production Market Share (2021-2026)

Table 47. World Solar Panels Frame Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Solar Panels Frame Production by Type (2021-2026) & (Kilotons)

Table 49. World Solar Panels Frame Production by Type (2027-2032) & (Kilotons)

Table 50. World Solar Panels Frame Production Value by Type (2021-2026) & (USD Million)

Table 51. World Solar Panels Frame Production Value by Type (2027-2032) & (USD Million)

Table 52. World Solar Panels Frame Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Solar Panels Frame Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Solar Panels Frame Production Value by Frame Cavity Type, (USD Million), 2021 & 2025 & 2032

Table 55. World Solar Panels Frame Production by Frame Cavity Type (2021-2026) & (Kilotons)

Table 56. World Solar Panels Frame Production by Frame Cavity Type (2027-2032) & (Kilotons)

Table 57. World Solar Panels Frame Production Value by Frame Cavity Type (2021-2026) & (USD Million)

Table 58. World Solar Panels Frame Production Value by Frame Cavity Type (2027-2032) & (USD Million)

Table 59. World Solar Panels Frame Average Price by Frame Cavity Type (2021-2026) & (US\$/Ton)

Table 60. World Solar Panels Frame Average Price by Frame Cavity Type (2027-2032) & (US\$/Ton)

Table 61. World Solar Panels Frame Production Value by Surface Treatment, (USD Million), 2021 & 2025 & 2032

Table 62. World Solar Panels Frame Production by Surface Treatment (2021-2026) & (Kilotons)

Table 63. World Solar Panels Frame Production by Surface Treatment (2027-2032) & (Kilotons)

Table 64. World Solar Panels Frame Production Value by Surface Treatment (2021-2026) & (USD Million)

Table 65. World Solar Panels Frame Production Value by Surface Treatment (2027-2032) & (USD Million)

Table 66. World Solar Panels Frame Average Price by Surface Treatment (2021-2026) & (US\$/Ton)

Table 67. World Solar Panels Frame Average Price by Surface Treatment (2027-2032) & (US\$/Ton)

Table 68. World Solar Panels Frame Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Solar Panels Frame Production by Application (2021-2026) & (Kilotons)

Table 70. World Solar Panels Frame Production by Application (2027-2032) & (Kilotons)

Table 71. World Solar Panels Frame Production Value by Application (2021-2026) & (USD Million)

Table 72. World Solar Panels Frame Production Value by Application (2027-2032) & (USD Million)

Table 73. World Solar Panels Frame Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Solar Panels Frame Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Yonz Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 76. Yonz Technology Co., Ltd. Major Business

Table 77. Yonz Technology Co., Ltd. Solar Panels Frame Product and Services

Table 78. Yonz Technology Co., Ltd. Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Yonz Technology Co., Ltd. Recent Developments/Updates

Table 80. Yonz Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 81. Xinbo Aluminum Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 82. Xinbo Aluminum Co., Ltd. Major Business

Table 83. Xinbo Aluminum Co., Ltd. Solar Panels Frame Product and Services

Table 84. Xinbo Aluminum Co., Ltd. Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Xinbo Aluminum Co., Ltd. Recent Developments/Updates

Table 86. Xinbo Aluminum Co., Ltd. Competitive Strengths & Weaknesses

Table 87. CITIC Bohai Aluminum Basic Information, Manufacturing Base and Competitors

Table 88. CITIC Bohai Aluminum Major Business

Table 89. CITIC Bohai Aluminum Solar Panels Frame Product and Services

Table 90. CITIC Bohai Aluminum Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. CITIC Bohai Aluminum Recent Developments/Updates
Table 92. CITIC Bohai Aluminum Competitive Strengths & Weaknesses
Table 93. Yingkou Changtai Aluminum Basic Information, Manufacturing Base and Competitors
Table 94. Yingkou Changtai Aluminum Major Business
Table 95. Yingkou Changtai Aluminum Solar Panels Frame Product and Services
Table 96. Yingkou Changtai Aluminum Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Yingkou Changtai Aluminum Recent Developments/Updates
Table 98. Yingkou Changtai Aluminum Competitive Strengths & Weaknesses
Table 99. Akcome Science and Technology Basic Information, Manufacturing Base and Competitors
Table 100. Akcome Science and Technology Major Business
Table 101. Akcome Science and Technology Solar Panels Frame Product and Services
Table 102. Akcome Science and Technology Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Akcome Science and Technology Recent Developments/Updates
Table 104. Akcome Science and Technology Competitive Strengths & Weaknesses
Table 105. Jiangyin Donghua Aluminum Technology Basic Information, Manufacturing Base and Competitors
Table 106. Jiangyin Donghua Aluminum Technology Major Business
Table 107. Jiangyin Donghua Aluminum Technology Solar Panels Frame Product and Services
Table 108. Jiangyin Donghua Aluminum Technology Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Jiangyin Donghua Aluminum Technology Recent Developments/Updates
Table 110. Jiangyin Donghua Aluminum Technology Competitive Strengths & Weaknesses
Table 111. Suzhou Sentong Photovoltaic Basic Information, Manufacturing Base and Competitors
Table 112. Suzhou Sentong Photovoltaic Major Business
Table 113. Suzhou Sentong Photovoltaic Solar Panels Frame Product and Services
Table 114. Suzhou Sentong Photovoltaic Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Suzhou Sentong Photovoltaic Recent Developments/Updates

Table 116. Suzhou Sentong Photovoltaic Competitive Strengths & Weaknesses

Table 117. Nippon Light Metal Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 118. Nippon Light Metal Co., Ltd. Major Business

Table 119. Nippon Light Metal Co., Ltd. Solar Panels Frame Product and Services

Table 120. Nippon Light Metal Co., Ltd. Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Nippon Light Metal Co., Ltd. Recent Developments/Updates

Table 122. Nippon Light Metal Co., Ltd. Competitive Strengths & Weaknesses

Table 123. Howick Ltd Basic Information, Manufacturing Base and Competitors

Table 124. Howick Ltd Major Business

Table 125. Howick Ltd Solar Panels Frame Product and Services

Table 126. Howick Ltd Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Howick Ltd Recent Developments/Updates

Table 128. Howick Ltd Competitive Strengths & Weaknesses

Table 129. Zhangjiagang Sunrise Power Basic Information, Manufacturing Base and Competitors

Table 130. Zhangjiagang Sunrise Power Major Business

Table 131. Zhangjiagang Sunrise Power Solar Panels Frame Product and Services

Table 132. Zhangjiagang Sunrise Power Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Zhangjiagang Sunrise Power Recent Developments/Updates

Table 134. Zhangjiagang Sunrise Power Competitive Strengths & Weaknesses

Table 135. Accelor Precision Corporation Basic Information, Manufacturing Base and Competitors

Table 136. Accelor Precision Corporation Major Business

Table 137. Accelor Precision Corporation Solar Panels Frame Product and Services

Table 138. Accelor Precision Corporation Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Accelor Precision Corporation Recent Developments/Updates

Table 140. Accelor Precision Corporation Competitive Strengths & Weaknesses

Table 141. Wellste Aluminum Basic Information, Manufacturing Base and Competitors

Table 142. Wellste Aluminum Major Business

Table 143. Wellste Aluminum Solar Panels Frame Product and Services

Table 144. Wellste Aluminum Solar Panels Frame Production (Kilotons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Wellste Aluminum Recent Developments/Updates

Table 146. Wellste Aluminum Competitive Strengths & Weaknesses

Table 147. Fujian Fenan Aluminum Co. Basic Information, Manufacturing Base and Competitors

Table 148. Fujian Fenan Aluminum Co. Major Business

Table 149. Fujian Fenan Aluminum Co. Solar Panels Frame Product and Services

Table 150. Fujian Fenan Aluminum Co. Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Fujian Fenan Aluminum Co. Recent Developments/Updates

Table 152. Fujian Fenan Aluminum Co. Competitive Strengths & Weaknesses

Table 153. Chuangjia Aluminium Basic Information, Manufacturing Base and Competitors

Table 154. Chuangjia Aluminium Major Business

Table 155. Chuangjia Aluminium Solar Panels Frame Product and Services

Table 156. Chuangjia Aluminium Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Chuangjia Aluminium Recent Developments/Updates

Table 158. Chuangjia Aluminium Competitive Strengths & Weaknesses

Table 159. BASF SE Basic Information, Manufacturing Base and Competitors

Table 160. BASF SE Major Business

Table 161. BASF SE Solar Panels Frame Product and Services

Table 162. BASF SE Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. BASF SE Recent Developments/Updates

Table 164. BASF SE Competitive Strengths & Weaknesses

Table 165. Covestro AG Basic Information, Manufacturing Base and Competitors

Table 166. Covestro AG Major Business

Table 167. Covestro AG Solar Panels Frame Product and Services

Table 168. Covestro AG Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Covestro AG Recent Developments/Updates

Table 170. Covestro AG Competitive Strengths & Weaknesses

Table 171. Origami Solar Basic Information, Manufacturing Base and Competitors

Table 172. Origami Solar Major Business

Table 173. Origami Solar Solar Panels Frame Product and Services

Table 174. Origami Solar Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Origami Solar Recent Developments/Updates

Table 176. Origami Solar Competitive Strengths & Weaknesses

Table 177. Targray Basic Information, Manufacturing Base and Competitors

Table 178. Targray Major Business

Table 179. Targray Solar Panels Frame Product and Services

Table 180. Targray Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Targray Recent Developments/Updates

Table 182. Targray Competitive Strengths & Weaknesses

Table 183. Esdec Basic Information, Manufacturing Base and Competitors

Table 184. Esdec Major Business

Table 185. Esdec Solar Panels Frame Product and Services

Table 186. Esdec Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Esdec Recent Developments/Updates

Table 188. Esdec Competitive Strengths & Weaknesses

Table 189. Sinoma Science & Technology Basic Information, Manufacturing Base and Competitors

Table 190. Sinoma Science & Technology Major Business

Table 191. Sinoma Science & Technology Solar Panels Frame Product and Services

Table 192. Sinoma Science & Technology Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Sinoma Science & Technology Recent Developments/Updates

Table 194. Sinoma Science & Technology Competitive Strengths & Weaknesses

Table 195. Zhenshi Group Basic Information, Manufacturing Base and Competitors

Table 196. Zhenshi Group Major Business

Table 197. Zhenshi Group Solar Panels Frame Product and Services

Table 198. Zhenshi Group Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. Zhenshi Group Recent Developments/Updates

Table 200. Zhenshi Group Competitive Strengths & Weaknesses

Table 201. Haiyuan Composites Basic Information, Manufacturing Base and Competitors

Table 202. Haiyuan Composites Major Business

Table 203. Haiyuan Composites Solar Panels Frame Product and Services

Table 204. Haiyuan Composites Solar Panels Frame Production (Kilotons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 205. Haiyuan Composites Recent Developments/Updates

Table 206. Haiyuan Composites Competitive Strengths & Weaknesses

Table 207. Jiangsu Wolei New Material Basic Information, Manufacturing Base and Competitors

Table 208. Jiangsu Wolei New Material Major Business

Table 209. Jiangsu Wolei New Material Solar Panels Frame Product and Services

Table 210. Jiangsu Wolei New Material Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. Jiangsu Wolei New Material Recent Developments/Updates

Table 212. Jiangsu Wolei New Material Competitive Strengths & Weaknesses

Table 213. Zhejiang Deyilong Technology Basic Information, Manufacturing Base and Competitors

Table 214. Zhejiang Deyilong Technology Major Business

Table 215. Zhejiang Deyilong Technology Solar Panels Frame Product and Services

Table 216. Zhejiang Deyilong Technology Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. Zhejiang Deyilong Technology Recent Developments/Updates

Table 218. Zhejiang Deyilong Technology Competitive Strengths & Weaknesses

Table 219. Lesso Group Basic Information, Manufacturing Base and Competitors

Table 220. Lesso Group Major Business

Table 221. Lesso Group Solar Panels Frame Product and Services

Table 222. Lesso Group Solar Panels Frame Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 223. Lesso Group Recent Developments/Updates

Table 224. Lesso Group Competitive Strengths & Weaknesses

Table 225. Global Key Players of Solar Panels Frame Upstream (Raw Materials)

Table 226. Global Solar Panels Frame Typical Customers

Table 227. Solar Panels Frame Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Solar Panels Frame Picture

Figure 2. World Solar Panels Frame Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Solar Panels Frame Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Solar Panels Frame Production (2021-2032) & (Kilotons)

Figure 5. World Solar Panels Frame Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Solar Panels Frame Production Value Market Share by Region (2021-2032)

Figure 7. World Solar Panels Frame Production Market Share by Region (2021-2032)

Figure 8. North America Solar Panels Frame Production (2021-2032) & (Kilotons)

Figure 9. Europe Solar Panels Frame Production (2021-2032) & (Kilotons)

Figure 10. China Solar Panels Frame Production (2021-2032) & (Kilotons)

Figure 11. Japan Solar Panels Frame Production (2021-2032) & (Kilotons)

Figure 12. Solar Panels Frame Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 15. World Solar Panels Frame Consumption Market Share by Region (2021-2032)

Figure 16. United States Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 17. China Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 18. Europe Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 19. Japan Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 20. South Korea Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 21. ASEAN Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 22. India Solar Panels Frame Consumption (2021-2032) & (Kilotons)

Figure 23. Producer Shipments of Solar Panels Frame by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Solar Panels Frame Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Solar Panels Frame Markets in 2025

Figure 26. United States VS China: Solar Panels Frame Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Solar Panels Frame Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Solar Panels Frame Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Solar Panels Frame Production Market Share 2025

Figure 30. China Based Manufacturers Solar Panels Frame Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Solar Panels Frame Production Market Share 2025

Figure 32. World Solar Panels Frame Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Solar Panels Frame Production Value Market Share by Type in 2025

Figure 34. Aluminum Alloy Frame

Figure 35. Glass Fiber Reinforced Composite Frame

Figure 36. Carbon Fiber Composite Frame

Figure 37. Steel Frame

Figure 38. World Solar Panels Frame Production Market Share by Type (2021-2032)

Figure 39. World Solar Panels Frame Production Value Market Share by Type (2021-2032)

Figure 40. World Solar Panels Frame Average Price by Type (2021-2032) & (US\$/Ton)

Figure 41. World Solar Panels Frame Production Value by Frame Cavity Type, (USD Million), 2021 & 2025 & 2032

Figure 42. World Solar Panels Frame Production Value Market Share by Frame Cavity Type in 2025

Figure 43. Closed Cavity Frame

Figure 44. Open Cavity Frame

Figure 45. World Solar Panels Frame Production Market Share by Frame Cavity Type (2021-2032)

Figure 46. World Solar Panels Frame Production Value Market Share by Frame Cavity Type (2021-2032)

Figure 47. World Solar Panels Frame Average Price by Frame Cavity Type (2021-2032) & (US\$/Ton)

Figure 48. World Solar Panels Frame Production Value by Surface Treatment, (USD Million), 2021 & 2025 & 2032

Figure 49. World Solar Panels Frame Production Value Market Share by Surface Treatment in 2025

Figure 50. Anodized Aluminum Frame

Figure 51. Powder-Coated Aluminum Frame

Figure 52. PVDF Coated Aluminum Frame

Figure 53. World Solar Panels Frame Production Market Share by Surface Treatment (2021-2032)

Figure 54. World Solar Panels Frame Production Value Market Share by Surface Treatment (2021-2032)

Figure 55. World Solar Panels Frame Average Price by Surface Treatment (2021-2032) & (US\$/Ton)

Figure 56. World Solar Panels Frame Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Solar Panels Frame Production Value Market Share by Application in 2025

Figure 58. Commercial

Figure 59. Residential

Figure 60. Industrial

Figure 61. World Solar Panels Frame Production Market Share by Application (2021-2032)

Figure 62. World Solar Panels Frame Production Value Market Share by Application (2021-2032)

Figure 63. World Solar Panels Frame Average Price by Application (2021-2032) & (US\$/Ton)

Figure 64. Solar Panels Frame Industry Chain

Figure 65. Solar Panels Frame Procurement Model

Figure 66. Solar Panels Frame Sales Model

Figure 67. Solar Panels Frame Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Solar Panels Frame Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G30F3D299CB5EN.html>

Price: US\$ 4,480.00 (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/G30F3D299CB5EN.html>