

# Global Solar Panel Aluminium Frame Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G26937D7FED7EN.html>

Date: September 2025

Pages: 130

Price: US\$ 3,480.00 (Single User License)

ID: G26937D7FED7EN

## Abstracts

According to our (Global Info Research) latest study, the global Solar Panel Aluminium Frame market size was valued at US\$ 338 million in 2024 and is forecast to a readjusted size of USD 522 million by 2031 with a CAGR of 6.3% during review period.

A solar panel aluminum frame is a rigid structural component that surrounds and supports the edges of a solar panel, providing mechanical strength, protection, and ease of installation. Made typically from anodized aluminum, the frame is lightweight, corrosion-resistant, and designed to withstand harsh outdoor environments, including wind, rain, and snow. It not only protects the solar cells and glass from damage but also facilitates mounting the panel to rooftops, ground structures, or tracking systems. Aluminum frames are widely used in residential, commercial, and utility-scale solar installations, making them a standard feature in most photovoltaic (PV) modules due to their durability, affordability, and compatibility with existing racking systems.

This report is a detailed and comprehensive analysis for global Solar Panel Aluminium Frame market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

**Key Features:**

Global Solar Panel Aluminium Frame market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Solar Panel Aluminium Frame market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Solar Panel Aluminium Frame market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Solar Panel Aluminium Frame market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Solar Panel Aluminium Frame

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Solar Panel Aluminium Frame market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hydro, Constellium, Alumil, FuturaSun, Alom Group, Nippon Light Metal, Hulamin, Wellste Aluminum, Yonz Technology, Anhui Xinbo Aluminum, etc.

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

**Market Segmentation**

Solar Panel Aluminium Frame market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This

analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

C-shaped Frame

H-shaped Frame

Others

#### Market segment by Application

Residential

Commercial and Industrial

Solar Power Plant

#### Major players covered

Hydro

Constellium

Alumil

FuturaSun

Alom Group

Nippon Light Metal

Hulamin

Wellste Aluminum

Yonz Technology

Anhui Xinbo Aluminum

CITIC Bohai Aluminum Industries

Yingkou Changtai Aluminum Material

Wuxi Xisha Photoelectric Aluminium

JA Solar Technology

ZYF Lopsking Material Technology

Fen'an Aluminum

Jiangsu Jiangnan Chuangjia

Akcome Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Solar Panel Aluminium Frame product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Solar Panel Aluminium Frame, with price, sales quantity, revenue, and global market share of Solar Panel Aluminium Frame from 2020 to 2025.

Chapter 3, the Solar Panel Aluminium Frame competitive situation, sales quantity,

revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Solar Panel Aluminium Frame breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Solar Panel Aluminium Frame market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Solar Panel Aluminium Frame.

Chapter 14 and 15, to describe Solar Panel Aluminium Frame sales channel, distributors, customers, research findings and conclusion.

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