

# Global Ultra-white Float PV Glass Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Ultra-white Float PV Glass market size was valued at US\$ 2547 million in 2025 and is forecast to a readjusted size of US\$ 3407 million by 2032 with a CAGR of 4.2% during review period.

Ultra-white Float PV Glass is a high-transmittance, low-iron solar glass produced using the float process. It features a smooth, flat surface suitable for crystalline silicon modules, thin-film photovoltaics, and building-integrated PV (BIPV) applications. The glass can be further tempered, coated, or printed to enhance optical performance and mechanical strength, ensuring module efficiency and durability. In 2025, Mainstream 2.0 mm coated photovoltaic glass was priced at around USD 1.8–2.1 per m<sup>2</sup>, while 3.2 mm coated photovoltaic glass was priced at around USD 2.8–3.4 per m<sup>2</sup>. Entering 2026, due to high industry inventories and loose supply-demand conditions, prices of 2.0 mm and 3.2 mm glass have fallen to around USD 1.3 per m<sup>2</sup> and USD 2.4 per m<sup>2</sup>, respectively.

The upstream of Ultra-white Float PV Glass primarily involves high-purity silica sand, limestone, soda ash, and float furnaces or production lines. Downstream applications include crystalline silicon module manufacturers, thin-film module producers, and building-integrated PV (BIPV) system integrators. Glass producers must customize their products according to downstream module dimensions, coatings, and printing requirements to ensure optical transmittance, mechanical strength, and durability of the final modules.

Ultra-white Float PV Glass is primarily used in thin-film PV, high-end crystalline silicon modules, and BIPV markets, with demand steadily increasing due to the growth of large-

size and high-efficiency modules. Technological innovations focus on enhancing transmittance, reducing reflection, improving surface flatness, and increasing weather resistance to boost module efficiency and long-term reliability. Industry development is influenced by raw material prices, production capacity allocation, downstream module installation volumes, and BIPV policies, making high-transmittance, low-defect float glass a key competitive factor in specialized segments.

This report is a detailed and comprehensive analysis for global Ultra-white Float PV Glass 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.

#### Key Features:

Global Ultra-white Float PV Glass market size and forecasts, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Ultra-white Float PV Glass market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Ultra-white Float PV Glass market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2021-2032

Global Ultra-white Float PV Glass market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), and ASP (US\$/Sq m), 2021-2026

#### 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 Ultra-white Float PV Glass

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 Ultra-white Float PV Glass 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 Xinyi Solar, Flat Glass Group, Kibing Group, IRICO Group New Energy, CSG Holding, Kaisheng New Energy, Changzhou Almaden, Ancai Hi-Tech, Jinjing Group, Yijun Yaoneng, etc.

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

### Market Segmentation

Ultra-white Float PV Glass market is split by Type and by Application. For the period 2021-2032, 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

1.6 mm and Below

1.8 mm

2.0 mm

2.5 mm

3.2 mm

Others

#### Market segment by Surface Treatment

Flat Float PV Glass

Coated Float PV Glass

Printed / Frit Float PV Glass

#### Market segment by Optical Performance

Standard Transmittance Float Glass

High Transmittance Float Glass

Ultra-high Transmittance Float Glass

#### Market segment by Application

Utility-scale Solar Modules

Distributed Rooftop Solar Modules

BIPV Modules

Other Crystalline Silicon Modules

#### Major players covered

Xinyi Solar

Flat Glass Group

Kibing Group

IRICO Group New Energy

CSG Holding

Kaisheng New Energy

Changzhou Almaden

Ancai Hi-Tech

Jinjing Group

Yijun Yaoneng

Hainan Development

Borosil Renewables

AGC Solar Glass

NSG Group

Amecam

Stewart Glass

SOLARCYCLE

GMB Glasmanufaktur Brandenburg

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 Ultra-white Float PV Glass product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ultra-white Float PV Glass, with price, sales quantity, revenue, and global market share of Ultra-white Float PV Glass from 2021 to 2026.

Chapter 3, the Ultra-white Float PV Glass competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ultra-white Float PV Glass breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Ultra-white Float PV Glass market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Ultra-white Float PV Glass.

Chapter 14 and 15, to describe Ultra-white Float PV Glass sales channel, distributors, customers, research findings and conclusion.

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