



# Number of solar glass companies





## Overview

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Top 10 solar photovoltaic glass manufacturers are Onyx Solar, Xinyi Solar, IRICO Group, Flat Glass Group, Saint-Gobain, Borosil Renewables, AGC Solar, Dongguan CSG Solar, Qingdao Jinxin Glass and Trakya.

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The solar photovoltaic glass market is projected to grow from USD 7.8 billion in 2023 to USD 27.3 billion by 2028, at a CAGR of 28.4% from 2023 to 2028. The main reason for such growth is that global efforts to transition towards cleaner and more sustainable energy sources have led to a rising.

Leading manufacturers are prioritizing research and development activities to engineer advanced solar PV glass with improved efficiency, durability, and adaptability to varying climatic conditions. Such innovations not only increase the adoption rate of solar PV glass but also support the broader.

Solar photovoltaic (PV) glass is a specialized type of glass that integrates solar cells, generating electricity from the sun's rays. This ground-breaking technology captures solar energy by coating a layer of translucent solar cells onto the surface of the glass, allowing it to turn sunshine into.

The Global PV Glass Market was valued at USD 4.79 Billion in 2023 and is projected to reach USD 7.69 Billion by 2029, growing at a Compound Annual Growth Rate (CAGR) of 8.20% during the forecast period (2024–2029). This robust growth is primarily driven by the global surge in solar energy.

The solar photovoltaic glass market size reached 32.10 million tons in 2025 and is forecast to reach 74.75 million tons by 2030, advancing at an 18.42% CAGR between 2025 and 2030. This sustained expansion reflects policy-driven installation targets, rapid cost deflation across the module supply.

Solar photovoltaic (PV) glass is a specialized type of glass that integrates solar cells, which generate electricity from the sun's rays. In order for the glass to turn sunshine into energy, a layer of translucent solar cells is coated onto the surface of



the glass. This ground-breaking technology. Who makes solar Photovoltaic Glass?

As a leading solar photovoltaic glass manufacturer, it is a holding business for investments that produces and sells photovoltaic glass goods. IRICO Group is widely recognized as one of the world's top solar photovoltaic glass manufacturers. It was founded in 1984 and is currently headquartered in Beijing, China.

Who is the best solar photovoltaic glass manufacturer?

IRICO Group is widely recognized as one of the world's top solar photovoltaic glass manufacturers. It was founded in 1984 and is currently headquartered in Beijing, China. They offer innovative photovoltaic solar modules that can be used to manufacture solar cell panels. Flat Glass Group was set up in 1971.

How big is the Solar Photovoltaic Glass market?

Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0. The solar photovoltaic glass market size reached 32.10 million tons in 2025 and is forecast to reach 74.75 million tons by 2030, advancing at an 18.42% CAGR between 2025 and 2030.

What is the market size of Solar Photovoltaic Glass in 2024?

By manufacturing process, float lines delivered 68% of 2024 volume; rolled glass is forecast to post a 19.70% CAGR to 2030. By solar technology, crystalline silicon held 91% share of the solar photovoltaic glass market size in 2024, whereas CIGS cells are expected to grow at 23.61% CAGR between 2025 and 2030.



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### [Top Companies , NGA , National Glass Association](#)

See the most recent list of top glass fabricators and find more information, including product lines, notable projects, market statistics and industry trends, exclusively on GlassMagazine .

### **Solar Photovoltaic Glass Market Size, Share Analysis & Growth ...**

The Solar Photovoltaic Glass Market is expected to reach 32.10 million tons in 2025 and grow at a CAGR of 18.42% to reach 74.75 million tons by 2030. Xinyi Solar Holdings ...



### [Top 10 solar photovoltaic glass manufacturers](#)

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### **Solar Photovoltaic Glass Market Size, Share Analysis & Growth ...**

Solar Photovoltaic Glass Market in Asia-Pacific  
Solar Photovoltaic Glass Market in China  
Solar Photovoltaic Glass Market in Japan  
Solar Photovoltaic Glass Market in North America  
Solar Photovoltaic Glass Market in United States  
Solar Photovoltaic Glass Market in Europe



Photovoltaic Glass Market in Germany  
 Photovoltaic Glass Market in United Kingdom  
 Photovoltaic Glass Market in South America  
 Photovoltaic Glass Market in Middle East & Africa  
 The Asia-Pacific region dominates the global solar photovoltaic glass market with significant manufacturing capabilities and installations across major economies. China leads the manufacturing landscape, while Japan demonstrates strong technological advancement in the sector. India has been actively pushing toward... See more on [mordorintelligence FinanceCharts](#)



## Biggest Solar Glass Companies for Jul 2025 - financecharts

The most valuable solar glass company in the world is AGC (ASGLF) with a market cap of \$6.207B, followed by Xinyi Solar Holdings (XISHY) and Saxon Capital Group (SCGX).



### [Solar PV Glass Companies , Market Research Future](#)

Among the key contenders are industry giants such as First Solar Inc., Xinyi Solar Holding Ltd., Nippon Sheet Glass Co. Ltd., Yingli Green Energy Holding Company Ltd., Sun Power ...

## Solar Photovoltaic Glass Companies, Top Industry Manufacturers

Companies such as Xinyi Solar Holdings Ltd. (China), IRICO Group New Energy Co., Ltd. (China), Flat Glass Group Co., Ltd (China), Qingdao Jinxin Glass Co., Ltd. (China), ...



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### [Top 10 Solar Powered Glass Manufacturers in the World 2025](#)

Solar-powered glass is now emerging as a leading force in renewable energy, following hydropower and wind in global electricity generation. The companies driving this ...



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### [Top 10 Companies in the PV Glass Industry \(2025\): Market ...](#)

In this blog, we profile the Top 10 Companies in the PV Glass Industry --a group of global manufacturers and innovators who are building the foundation for a solar-powered ...



### **Top 10 solar photovoltaic glass manufacturers , Verified Market ...**



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### [Top Companies North America Solar Photovoltaic Glass Market](#)

North America Solar Photovoltaic Glass Market Size with Top Companies. Leading players in the North America Solar Photovoltaic Glass Market are substantially shaping its growth and ...



### [Biggest Solar Glass Companies for Jul 2025](#)

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### [Top Photovoltaic Glass Companies in 2024: Market Leaders](#)

Summary: This article ranks global photovoltaic glass manufacturers based on production capacity, technological innovation, and market influence. Discover how solar glass ...





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