



**EQACC SOLAR**

**Annual production of 2 million  
tons of solar glass**



## Overview

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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.

How will the Solar Photovoltaic Glass market continue to grow?

Competitive strategies range from Chinese producers expanding commodity capacity to Western incumbents investing in circularity, low-carbon furnaces, and specialty coatings. These shifts together position the solar photovoltaic glass market for resilient growth throughout the decade.

How has the solar glass industry changed over the years?

Timely capacity expansion not only enabled the Group to capture global market growth, but also reinforced its market-leading position. By the end of 2023, the Group's daily melting capacity of solar glass reached 25,800 tonnes, an increase of 6,000 tonnes compared to the beginning of the year.

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.

## Annual production of 2 million tons of solar glass

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### China's CSG to Build \$247 Million Solar Glass Factory in Egypt

Earlier, in March 2025, Kibing Solar announced plans to build a photovoltaic glass plant in Egypt with an annual production capacity of 1.53 million tons of glass and 1.08 million ...

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### Solar Photovoltaic Glass Market Size, Share Analysis

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 ...

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### Review of issues and opportunities for glass supply for ...

Abstract Current solar photovoltaic (PV) installation rates are inadequate to combat global warming, necessitating approximately 3.4 TW of PV installations annually. This would require ...

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## Data analysis of China's glass industry in 2025

The annual production capacity of photovoltaic glass in 2022 will be 23.43 million tons, a year-on-year increase of 53.5%, and the global demand is expected to reach 21.384 million tons in 2023.



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## Xinyi Solar Holdings Limited

The increase in production capacity, coupled with the accelerated growth of downstream PV demand and increased sales of thin glass products, contributed to the rapid ...

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## China's Kibing Solar To Establish Solar Glass Factory In Egypt

Egypt is considering Kibing Solar's plans to establish a solar glass factory in the country. It will have an annual production capacity of 1.53 million tons of solar PV glass and ...



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## 500,000 Tons, Total Investment of 2 Billion Yuan: Another ...

Project name: Annual output of 500,000



tons of photovoltaic glass production line project. Project construction location: in Khalifa Industrial Park Free Trade Zone (KIZAD), Abu ...

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## Almaden plans solar glass factory in UAE

China's Almaden says it will build a solar glass plant in the United Arab Emirates with an annual capacity of 500,000 tons, in line with ...

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## Flat Photovoltaic Glass Project with Annual Output of 2 Million Tons

ceremony, Xue Qing congratulated the signing of the project, saying that the project of "manufacturing ultra-thin and ultra-high transparent panels and backplanes for solar energy ...

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## Big Chinese Solar Glass Makers Confirm Output Cuts Amid ...

Flat Glass is able to make 23,000 tons of solar glass daily, its first-half report

showed. Of that, 2,600 tons were already in cold repair as of June 30. Xinyi Solar Holdings, ...

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## Almaden plans solar glass factory in UAE

China's Almaden says it will build a solar glass plant in the United Arab Emirates with an annual capacity of 500,000 tons, in line with its plans to globally expand as domestic ...

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## China's Kibing Solar To Establish Solar Glass ...

Egypt is considering Kibing Solar's plans to establish a solar glass factory in the country. It will have an annual production capacity of ...

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## Solar Photovoltaic Glass Market Size, Share Analysis

Solar Photovoltaic Glass Market in Asia-Pacific  
Solar Photovoltaic Glass Market in China  
Solar Photovoltaic Glass Market in



JapanSolar Photovoltaic Glass Market in North AmericaSolar Photovoltaic Glass Market in United StatesSolar Photovoltaic Glass Market in EuropeSolar Photovoltaic Glass Market in GermanySolar Photovoltaic Glass Market in United KingdomSolar Photovoltaic Glass Market in South AmericaSolar Photovoltaic Glass Market in Middle East & AfricaThe 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 RSC Publishing

## **Review of issues and opportunities for glass ...**

Abstract Current solar photovoltaic (PV) installation rates are inadequate to combat global warming, necessitating approximately 3.4 TW of PV ...

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