BLINK SOLAR

Solar glass production capacity

Overview

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.

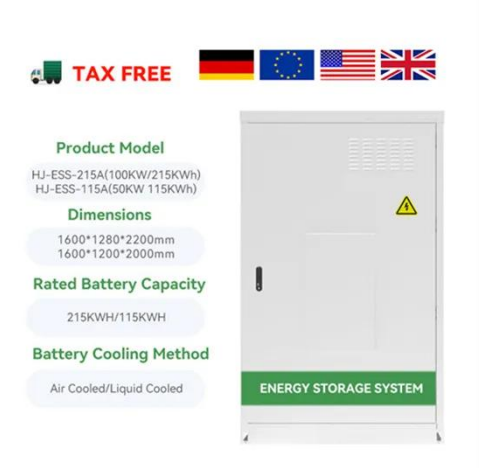
How will the Solar Photovoltaic Glass market continue to grow?

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.

Who makes the most solar glass in the world?

Leading player in solar glass production. Flat Glass Group (FGG) is one of the top two solar glass producers globally, accounting for c.23%-24% of production capacity in China. FGG’s revenue growth is tied to rising global solar installations.

Solar glass production capacity



Flat Glass Group Co., Ltd.

Flat Glass Group (FGG) is one of the top two solar glass producers globally, accounting for c.23%-24% of production capacity in China. FGG's revenue growth is tied to ...

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

Solar glass businesses and their industry associations recently held a series of meetings to discuss production capacity cuts, an executive at Shenzhen-based Zhuzhou ...

Huge PV Glass Project Goes Live in China, Paving the Way ...

It features 20 base plate production lines and 16 solar panel and backsheet production lines, utilising world-leading ultra-thin photovoltaic calendering technology and ...

Solar Photovoltaic Glass Market Size & Outlook, 2025-2033

The global solar photovoltaic glass market size is projected to grow from USD 22.13 billion in 2025 to USD 179.08 billion by 2033, exhibiting a CAGR of 29.87%.

Solar PV Glass Market Size, 2025-2034 Trends Report

The solar PV glass market size crossed USD 53.5 billion in 2024 and is estimated to grow at a CAGR of 7.9% from 2025 to 2034, driven by the significant increase in solar installations due ...

China's dominance in solar PV glass expected to decline

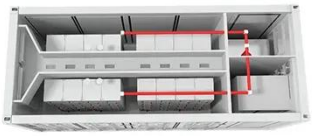
By 2025, global PV glass production capacity is expected to reach 167,800 tons per day, with a compound annual growth rate (CAGR) of 23.23%. As of 2023, the production ...

Chinese PV Industry Brief: Solar Glass Capacity Hits 64,000 ...

China's Ministry of Industry and Information Technology has revealed that the country's solar glass capacity reached 64,000 metric tons (MT) per day across 348 production ...

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

Moreover, there is scarce information about the iron content of many sand deposits worldwide. Low-iron sand is required for PV glass production, to make the glass highly transparent and ...



Solar Photovoltaic Glass Market Size, Share Analysis

Solar Photovoltaic Glass Market Analysis by Mordor Intelligence The solar photovoltaic glass market size reached 32.10 million tons in 2025 and is forecast to reach ...

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