
2 600 tons of solar glass

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 many tons of glass a year?

As of now, the domestic glass capacity is about 99,000 tons, plus 5,850 tons overseas. In Q1 2024, the industry added 3,100 tons of new capacity and 650 tons of resumption. Considering about 3,500 tons of repair, the actual increase in Q1 is limited. Q2 is expected to increase, with capacity expected to be concentrated in Q3-4.

How many tons of glass are there in 2021?

The glass capacity in 2021, 2022, and 2023 was 46,000, 81,000, and 105,000 tons, with a year-on-year increase of 35+%, 70+%, and 30+%. As of now, the domestic glass capacity is about 99,000 tons, plus 5,850 tons overseas. In Q1 2024, the industry added 3,100 tons of new capacity and 650 tons of resumption.

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.

This specification is crucial for the manufacturing of solar glass. According to Diatreme's plan, the project will produce up to 121 million tons of high-grade, low-iron quartz ...

Chinese photovoltaic glass giant Kibing Group plans to invest in the construction of a photovoltaic glass factory with an annual output of 1.5 million tons in Algeria, supporting the ...

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, ...

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 ...

In top 10 photovoltaic glass manufacturers, XINYI SOLAR is accelerating capacity expansion, adding three new solar glass production lines with a daily melting capacity of 1,000 ...

Zhejiang Jiafu Glass Co., Ltd, located in Honghe Town, Jiaxing City with convenient transportation, occupies an area of about 170,000m² with a covered area of about 130,000 ...

Solar Glass Market Size, Share, Growth, and Industry Analysis, By Type (3.2mm, 2.5mm, 2.0mm and Others), By Application (Single Glass Module, Double Glass Module and ...

Solar glass is a pivotal component in the renewable energy landscape, particularly in China, the world's largest producer of solar panels. As the demand for sustainable energy ...

The lower (solid) line tracks the consolidated gross margin from this grouping, summing up the individual solar PV glass specific revenues and production costs from the ...

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The Chinese government has revealed that the nation's solar glass capacity has reached 64,000 metric tons per day, while State Grid Corp. of China has announced plans to ...

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