



MODERNIZATION SOLAR

2 million tons of solar glass





Overview

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.

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.

How big is the solar glass market by 2032?

Based on our research, the global solar glass market is projected to touch USD 21.27 billion by 2032. What CAGR is the solar glass market expected to exhibit by 2032?



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[Chinese PV Industry Brief: Solar Glass ...](#)

Oct 8, 2022 · The Chinese government has revealed that the nation's solar glass capacity has reached 64,000 metric tons per day, while State Grid ...

Solar Photovoltaic Glass

Mar 18, 2025 · The Solar Photovoltaic Glass Market size is estimated at 32.10 million tons in 2025, and is expected to reach 74.76 million tons by 2030, at a CAGR of 18.42% during the ...



[Solar Glass Market Size, Trends, Growth Report, 2025-2033](#)

Nov 24, 2025 · 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 PV Glass Market Size & Trends](#)

Solar PV Glass Market Summary The global Solar PV Glass Market was valued at USD 10.08 billion in 2024 and is projected to reach USD 47.16 ...



[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 Glass

Solar glass is a specialized low-iron, tempered soda-lime silicate glass, often enhanced with an anti-reflective coating. This combination delivers ultra-high light transmittance, superior ...



Review of issues and opportunities for glass ...

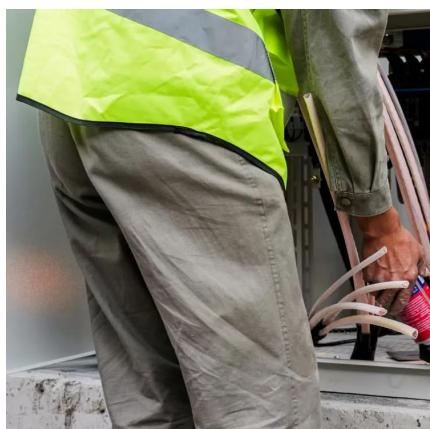
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Review of issues and opportunities for glass supply for ...

Jan 23, 2025 · Abstract Current solar photovoltaic (PV) installation rates are inadequate to combat global warming, necessitating approximately 3.4 TW of PV installations annually. This would ...



Solar Photovoltaic Glass Market Size, Share Analysis

Oct 22, 2025 · 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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[Big Chinese Solar Glass Makers Confirm Output Cuts Amid ...](#)

Sep 5, 2024 · 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, ...



[Solar PV Glass Market Size & Trends, Industry Report, 2030](#)

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