

Annual production of 200 million square meters of solar glass





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.

Why is the solar PV glass market growing?

Government rules that are favorable to the development of solar PV plants is one of the factors driving the growth of the solar PV glass market. Additionally, the market for solar PV glass is growing due to the surge in demand for solar systems on a residential, commercial, and utility scale.

Will Solar Photovoltaic Glass market grow in 2024?

These shifts together position the solar photovoltaic glass market for resilient growth throughout the decade. By glass type, anti-reflective coatings led with a 57% solar photovoltaic glass market share in 2024, while TCO glass is projected to expand at 22.46% CAGR through 2030.

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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[Glass needs for a growing photovoltaics industry](#)

Jan 1, 2015 · A cost optimized float plant produces between 15 and 40 million square meters of glass a year, the equivalent of 2.5-6.5 GW of solar modules (assuming a 75% c-Si, 25% thin ...

Sisecam Unveils EUR200 Million High-Tech Energy Glass Line in ...

Sep 20, 2025 · The new Tarsus facility, developed with a EUR200 million investment, features an annual production capacity of 47 million square meters of high-transmittance energy glass, ...



[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 Glass Market Size, Share, Trends, Growth Report, 2033](#)

Xinyi Solar: Xinyi Solar is the global leader, producing over 300 million square meters of solar glass annually. It operates eight production bases across China and Malaysia and holds over



...



[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 ...



[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

...



[Lenovo factory in Tianjin goes carbon neutral](#)

3 hours ago · Over 800 square meters of glass at the factory have this covering, resulting in an annual carbon reduction capacity of 72 tons.





[New policies set to ease China solar glass production ...](#)

Nov 19, 2020 · CSG, for example, intends to invest RMB494 million (US\$75 million) in a low-E glass production line that can manufacture 2.1 million square meters of insulating glass and ...



Xinyi Glass (XYG), leading manufacturer of float glass, auto glass ...

In the coating sector, Xinyi demonstrates industry leadership with 24 imported intelligent production lines and an annual production capacity surpassing 200 million square meters.

[China's Luoyang Glass Lands Order for 200 ...](#)

(Yicai Global) Oct. 13 -- Luoyang Glass, a Chinese manufacturer of photovoltaic glazing products, said one of its units has received a long ...



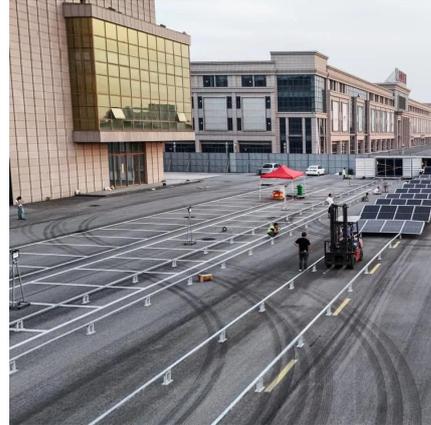
[Solar PV Glass Market Size & Trends , Industry Report, 2030](#)

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 billion by 2030, growing at a CAGR of ...



[Global and China Photovoltaic Glass Industry ...](#)

Aug 3, 2016 · In 2015, China produced 310 million square meters of PV glass, up 14.1% year on year. The output is expected to reach 350 million ...



[The worlds largest oxy-fuel photovoltaic glass furnace was ...](#)

The construction period of the project is 12 months. This means that after the project is put into production, the annual output of 3.2mm thick coated tempered photovoltaic glass is 24.8 ...

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Aug 4, 2014 · A cost optimized float plant produces between 15 and 40 million square meters of glass a year, the equivalent of 2.5 GW to 6.5 GW of solar modules (assuming a 75% c-Si, ...



[Xinyi Solar Holdings \(0968HK\): history, ...](#)

By 2015, Xinyi Solar reached a significant milestone by becoming one of the world's largest solar glass producers, with an annual production capacity ...



The project of special curtain wall and photovoltaic glass production

According to the announcement, Nanjing Xinning Yao Glass Technology Co., Ltd. intends to invest 200 million yuan to build a new production line of special curtain wall and photovoltaic ...



[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 ...

[Almaden plans solar glass factory in UAE](#)

May 3, 2025 · Analysts said the project closely aligns with the UAE expansion of Trina Solar, another Changzhou-based solar company with which Almaden has a longstanding strategic ...



[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 ...



[Almaden Plans Solar Glass Factory in UAE](#)

May 5, 2025 · In June 2022, Almaden and Trina Solar signed a CNY 7.425 billion agreement for the supply of 337.5 million square meters of 1.6mm ...



[China's Luoyang Glass Lands Order for 200 Million Sqm of](#)

(Yicai Global) Oct. 13 -- Luoyang Glass, a Chinese manufacturer of photovoltaic glazing products, said one of its units has received a long-term order from DSA Solar for 200 million square ...

[Irico starts production at second solar glass ...](#)

Jun 28, 2018 · Annual production, Irico said, is expected to reach 26 million square meters of coated and tempered glass, which would be enough to ...



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