
Market demand for solar glass

What is the global solar glass market size?

Solar Glass Market size is expected to reach nearly US\$146.11 Bn. by 2029 with the CAGR of 29.3% during the forecast period. Increasing demand for clean energy, due to growing awareness regarding global warming is in turn, increasing the demand for photovoltaic glass, thereby boosting growth of the market.

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.

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.

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 Market Outlook The global solar glass market size was valued at approximately USD 5 billion in 2023 and is projected to reach a staggering USD 15 billion by 2032, exhibiting a ...

Unlock detailed market insights on the Solar Glass Market, anticipated to grow from USD 9.65 billion in 2024 to USD 18.29 billion by 2033, maintaining a CAGR of 7.35%. The 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 ...

The Solar Glass Market size was valued at USD 38.90 Billion in 2024 and the total Solar Glass revenue is expected to grow at a CAGR of 29.3% from ...

Solar PV Glass Market Size The global solar PV glass market was valued at USD 53.5 billion in 2024 and is estimated to grow at a CAGR of 7.9% ...

The Solar Glass Market size was valued at USD 38.90 Billion in 2024 and the total Solar Glass revenue is expected to grow at a CAGR of 29.3% from 2025 to 2032, reaching nearly USD ...

Drivers of the Market The India Solar Photovoltaic Glass Market is flourishing due to the country's increasing focus on renewable energy sources. Solar photovoltaic glass is a critical ...

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 ...

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 ...

An update on the project in August 2023 noted that the expansion of solar panel manufacturers in the North American market ...

SOLAR GLASS MARKET OVERVIEW Global solar glass market size was forecasted to be worth USD 7.83 billion in 2024, expected to achieve USD 24.1 billion by 2033 ...

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