

Solar glass substrate production rate





Overview

How big is the global glass substrate market?

The Global Glass Substrate Market was valued at USD 5.2 Billion in 2023 and is projected to reach USD 9.8 Billion by 2030, growing at a Compound Annual Growth Rate (CAGR) of 9.3% during the forecast period (2023–2030).

What are the growth factors for the glass substrate market?

One of the primary growth factors for the glass substrate market is the burgeoning consumer electronics industry. With the proliferation of smartphones, tablets, and wearable devices, the demand for high-quality and efficient glass substrates has surged.

How much revenue will the glass substrate market generate in 2023?

The glass substrate market generated revenue of USD 7,112.6 million in 2023, which is expected to witness a CAGR of 3.9% during 2024–2030, reaching USD 9,207.0 million by 2030.

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.



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[Glass Substrate Market Growth & Forecast 2030](#)

Additionally, the rise in solar energy applications is a significant driver, as glass substrates play a crucial role in photovoltaic (PV) panel production. With increasing global focus on renewable ...

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

Jan 1, 2015 · Thin-film solar technologies also often use glass as the substrate (or superstrate) on which the device is built [3]. In fact, for the majority of solar modules in production, glass is the ...



[Solar glass now the largest contributor to PV module costs](#)

4 days ago · While module production levels today are well above annual deployment volumes for the industry (owing to increased levels of warranty replacements from a larger installed base ...

Glass Substrate Market Report , Global Forecast From 2025 ...

The global glass substrate market size in 2023 is estimated to be valued at approximately USD 12.5 billion and is projected to reach around USD 21.8 billion by 2032, growing at a compound ...



[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 ...

[Solar Photovoltaic Glass Market Size, Share Analysis](#)

Solar Photovoltaic Glass Market in Asia-Pacific
Solar Photovoltaic Glass Market in China
Solar Photovoltaic Glass Market in Japan
Solar Photovoltaic Glass Market in North America
Solar Photovoltaic Glass Market in United States
Solar Photovoltaic Glass Market in Europe
Solar Photovoltaic Glass Market in Germany
Solar Photovoltaic Glass Market in United Kingdom
Solar Photovoltaic Glass Market in South America
Solar Photovoltaic Glass Market in Middle East & Africa
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 Japan demonstrates strong technological advancement in the sector. India has been actively pushing toward... See more on [mordorintelligence Global Market Insights Inc.](#)



Glass Substrate Market Size,



Share & Analysis ...

Glass Substrate Market Size The global glass substrate market was estimated at USD 7.2 billion in 2024, and it is expected to grow at a ...



[Top 10 Companies in the Glass Substrate Industry \(2025\): ...](#)

Oct 1, 2025 · The Global Glass Substrate Market was valued at USD 5.2 Billion in 2023 and is projected to reach USD 9.8 Billion by 2030, growing at a Compound Annual Growth Rate ...

[Glass Substrate Market Report , Global ...](#)

The global glass substrate market size in 2023 is estimated to be valued at approximately USD 12.5 billion and is projected to reach around USD ...



[Glass Substrate Market Research Report. 2024 ...](#)

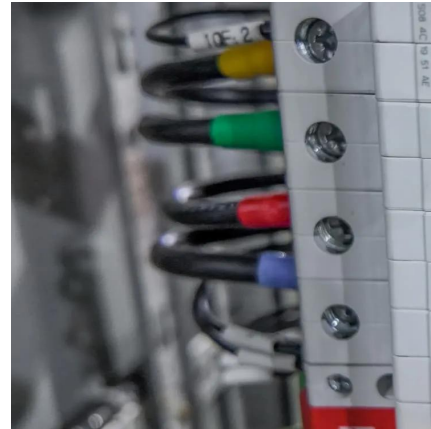
Glass substrates find application in the production of solar panels and photovoltaic cells, which are made up of a mixture of silicon, such as ...

Glass for Solar Cells Market's Strategic Roadmap: Insights for ...

Mar 27, 2025 · The global market for glass used in solar cells is experiencing robust growth,



projected to reach a substantial size. The compound annual growth rate (CAGR) of 11.9% ...

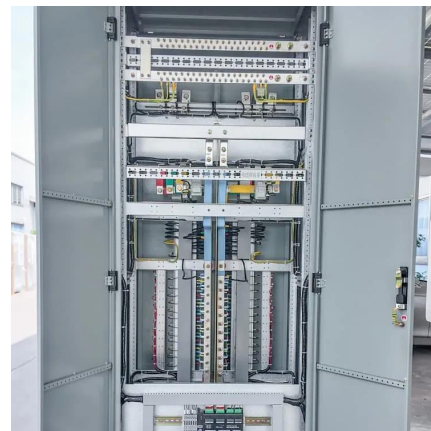


Glass Substrate Market Size, Share & Analysis Report, 2025 ...

Glass Substrate Market Size The global glass substrate market was estimated at USD 7.2 billion in 2024, and it is expected to grow at a CAGR of 3.7% from 2025 to 2034 owing to the ...

Solar Photovoltaic Glass Market Size, Share Analysis

Oct 22, 2025 · 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 ...



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 ...



[Glass Substrate Market Research Report, 2024-2030](#)

Glass substrates find application in the production of solar panels and photovoltaic cells, which are made up of a mixture of silicon, such as borosilicate and aluminosilicate. Glass is an ideal ...



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