

Solar glass industry standards





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.

How do I get a copy of ASTM glass & glazing standards?

NGA collaborates with ASTM to co-publish ASTM Glass and Glazing Standards for the Building Industry. The compilation of 96 key ASTM standards includes forced-entry resistant systems, flat glass, glazing, building sealants, acoustics and fenestration products. For pricing and to purchase, contact ASTM sales by email or phone: 877-909-2786.

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.

Why do solar panels need to be inspected?

Especially critical are those defects that occur at the edges of the glass sheets - an area usually not covered by standard vision systems. Micro-cracks and chips of the solar glass panels are a major cause of glass breakage and their detection is important for assuring highest quality standards.



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[Glass for Solar Applications Now Covered in New ASTM Standards](#)

Nov 9, 2009 · A new ASTM International standards developing activity, Subcommittee E44.20 on Glass for Solar Applications, was formed during a virtual meeting on Sept. 29. Meeting ...

[Solar Photovoltaic Glass: Classification and Applications](#)

Jun 26, 2024 · Demand for solar photovoltaic glass has surged with the growing interest in green energy. This article explores ultra-thin, surface-coated, and low-iron glass for solar cells, ...



[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 ...

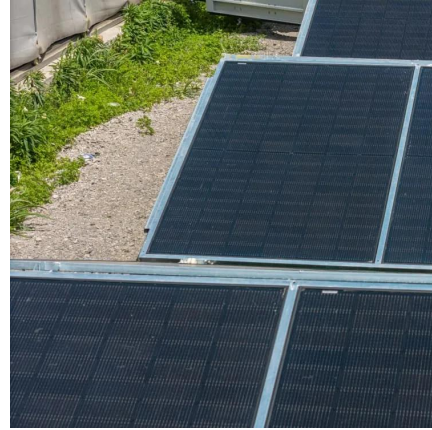


[Solar Photovoltaic Glass Market Size, Share Analysis](#)

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



StatesSolar Photovoltaic Glass Market in EuropeSolar Photovoltaic Glass Market in GermanySolar Photovoltaic Glass Market in United KingdomSolar Photovoltaic Glass Market in South AmericaSolar Photovoltaic Glass Market in Middle East & AfricaThe 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 drschenk [PDF]



Solar Glass - Dr. Schenk

Oct 11, 2023 · Minimizing the risk of glass breakage & assuring highest quality standards
As in all other glass manufacturing processes, solar glass substrates are subject to defects during ...



[Photovoltaic glass coatings standards compliance and ...](#)

Sep 28, 2025 · The photovoltaic glass coating industry currently operates under a complex framework of international and regional standards that govern quality, performance, and safety ...

[Solar Glass Manufacturing Plant Setup Report 2025 Industry ...](#)

Aug 5, 2025 · Solar Glass Manufacturing Plant Setup Report 2025 Industry Trends, Cost And Economics Details. Solar glass is a specially designed glass used in photovoltaic applications ...



[Fab & application Certification of solar glass](#)



May 21, 2024 · ABSTRACT The SPF solar glass certification was developed in 2002 to guarantee the quality of glazing for use as a transparent cover for solar thermal collectors. More than 200

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