

Solar glass factory expansion





Overview

When will solar glass production start?

Production is expected to begin in 2026, with an annual nameplate capacity of between 5GW and 6GW. The project represents a US\$344 million investment. More recently the company signed a supply deal with US chemical producer Genesis Alkali to support the production of solar glass for its Georgia facility.

How will the Solar Photovoltaic Glass market continue to grow?

Competitive strategies range from Chinese producers expanding commodity capacity to Western incumbents investing in circularity, low-carbon furnaces, and specialty coatings. These shifts together position the solar photovoltaic glass market for resilient growth throughout the decade.

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 NSG launching a new solar glass production line?

January 2025: NSG Group has commenced operations of a new solar glass production line in the United States, strengthening its position in the solar photovoltaic glass market. This development is expected to enhance the supply of high-quality solar glass, supporting the growing demand in the renewable energy sector.



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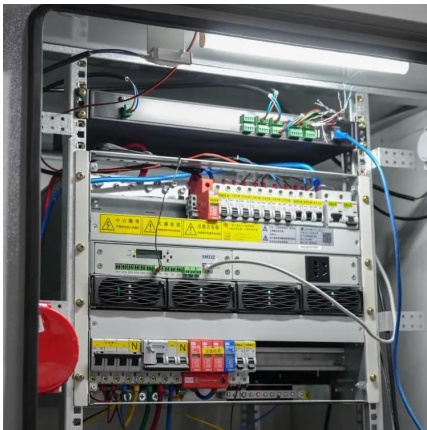
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[China's CSG Holding Announces Egyptian Solar Glass Factory](#)

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

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[Chinese PV Industry Brief: Hoshine continues PV supply chain expansion](#)

Jan 26, 2024 · Hoshine says it will build a solar glass factory in Urumqi, the capital of China's Xinjiang region, where it is also planning a 20 GW vertically integrated module manufacturing ...



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

May 3, 2025 · The new capacity will include mainstream products such as 1.6mm ultra-thin photovoltaic glass. Analysts said the project closely aligns with the UAE expansion of Trina ...



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