



BUHLE POWER

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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[Huge PV Glass Project Goes Live in China, Paving the Way ...](#)

May 13, 2025 · It features 20 base plate production lines and 16 solar panel and backsheet production lines, utilising world-leading ultra-thin photovoltaic calendering technology and ...



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

Oct 22, 2025 · Solar Photovoltaic Glass Market Analysis by Mordor Intelligence The solar photovoltaic glass market size reached 32.10 ...



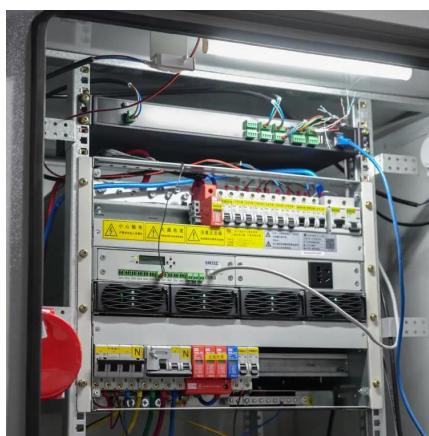
[NSG Group to produce solar glass, supports First Solar expansion...](#)

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

Sep 29, 2025 · CSG Holding plans to build a 1,400-ton/day solar glass factory in Egypt, costing RMB 1.75 billion. The plant will feature 5 rolled glass lines and 4 tempered coating processing ...



[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

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

Apr 29, 2025 · China's Almaden says it will build a solar glass plant in the United Arab Emirates with an annual capacity of 500,000 tons, in line with its plans to globally expand as domestic ...



[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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