



WALMER ENERGY

# Solar glass 18x specifications





## Overview

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What G-value should a Photovoltaic Glass have?

Photovoltaic glass can be customized to achieve a solar factor between 6% and 41%. A low g-value is desirable to prevent overheating, especially in warm climates, as it prevents the interior temperature from rising too high due to the greenhouse effect.

Why should you choose Onyx Solar Photovoltaic Glass?

The multifunctional properties of photovoltaic glass surpass those of conventional glass. Onyx Solar photovoltaic glass can be customized to optimize its performance under different climatic conditions. The solar factor, also known as “g-value” or SHGC, is key to achieve thermal comfort in any building.

What U-values does Onyx Solar offer?

Onyx Solar photovoltaic glass also offers a wide range of U-Values, according to the architectural spec. We just follow the design intention and manufacture the glass to meet these specifications. Accordingly, we offer single laminated, double and triple glazing, Air and Argon chambers, and other configurations.

What is Photovoltaic Glass?

We have manufactured the first photovoltaic glass in the market that comes with low-emissivity properties, provides UV and IR filter, promotes natural light, and generates power. All our solutions offer a multi-functional value. The multifunctional properties of photovoltaic glass surpass those of conventional glass.



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SCHOTT Technical details and key properties of SCHOTT® Solar Glass

Discover the technical properties of SCHOTT® Solar Glass: high transmission, radiation protection, surface precision, and stability for lasting performance.

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Xinyi Solar Holdings Limited

Xinyi Solar Holdings Limited Anti-Reflective Coating Solar Glass Using internationally leading technology and equipment, an antireflection coating is applied to the surface of high ...

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Reliable State

Jul 1, 2025 · Nominal Module Operating Temperature(NMOT)  $43 \pm 2$ ? Temperature Coefficient of  $P_{max}$  ? (Pm)  $-0.29\% / ?$  Temperature Coefficient of  $V_{oc}$  ? (Voc)  $-0.25\% / ?$  Temperature ...

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Solar Glass

Solar glass is a specialized low-iron, tempered soda-lime silicate glass, often enhanced with an anti-reflective coating. This combination delivers ultra-high light transmittance, superior ...

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GLASS SPECIFICATIONS.

3 days ago · Specifications of our photovoltaic glass for buildings. GLASS SPECIFICATIONS. CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) Download Onyx Solar CSI ...

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Solar Glass

Apr 29, 2020 · The Most Comprehensive Selected Top Class Chinese Glass Machines, Products and Services Resource Glass Fabricating Machines , Glass Processing Machines , Glass ...

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Technical properties of Onyx Solar ...

2 days ago · Onyx Solar's ThinFilm glass displays a solar factor that ranges from 6% to 41%, and makes it an ideal candidate to achieve control over ...

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Technical properties of Onyx Solar Photovoltaic Glass

2 days ago · Onyx Solar's ThinFilm glass displays a solar factor that ranges from 6% to 41%, and makes it an ideal candidate to achieve control over the interior temperature. Onyx Solar ...

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