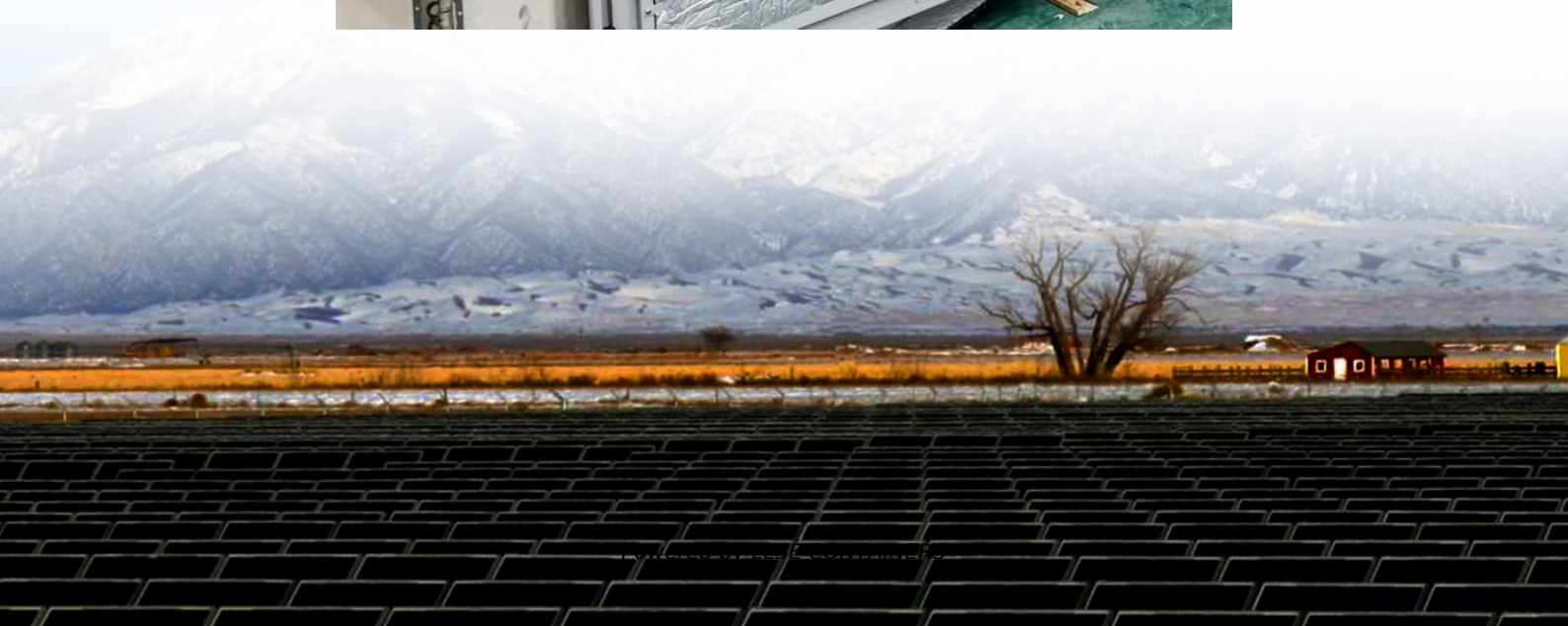


Solar glass size standards





Overview

What standards are used in insulating glass?

Laboratory measured to the ISO 140-3 standard. Monolithic, unlaminated clear glass tested. Laboratory measured to the ASTM E90-09 standard. Other configurations are available through special order. * Insulating glass unit constructed of two lites of equal glass thickness and 1/2" (12.7 mm) airspace.

What is a solar glass substrate?

Manufacturers of crystalline silicon solar modules apply glass substrates on the front side of the solar modules. This front glass will either be a patterned glass or a glass with anti-reflective coating (AR). As in all other glass manufacturing processes, solar glass substrates are subject to defects during production.

Why is patterned glass used in crystalline solar modules?

In the production of crystalline solar modules patterned glass substrates are used in lieu of bare glass. Patterned glass increases the amount of incoming sunlight. Common optical inspection systems for quality assurance and process control are mostly designed for unstructured glass.

How big is a Pilkington OptiView™ insulating glass?

38.3 mm Pilkington OptiView™ Double Laminated Insulating Glass = 12.8 mm Pilkington OptiView™ Single Laminated Glass + 12.7 mm airspace + 12.8 mm Pilkington OptiView™ Laminated Single Glass Laboratory measured to the ISO 140-3 standard. Monolithic, unlaminated clear glass tested. Laboratory measured to the ASTM E90-09 standard.



Solar glass size standards



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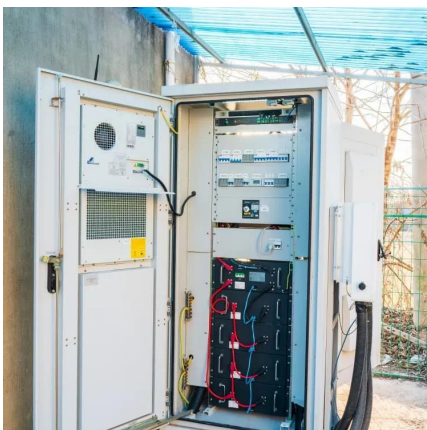
Photovoltaic Glass Product Size Standards A

Understanding Photovoltaic Glass and Its Target Audience When it comes to photovoltaic glass product size standards, architects, solar project developers, and construction firms are the ...



Solar Glass

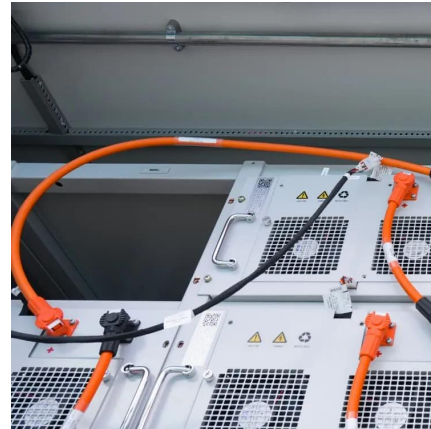
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Solar Glass

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 ...

[Monolithic Glass Standards and Sizes](#)

Monolithic Glass Standards and Sizes
Thickness Tolerance Range
1 Maximum Nominal Glass
Approximate Standard Size
2,3 Quality Thickness
Weight
4 Levels in. mm in. mm in. mm lb/ft2 ...



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