

Title: Double-sided double-glass module size

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What is a double glass module?

In contrast, double glass modules replace the polymer layer with another glass sheet, creating a robust sandwich structure. At IBC SOLAR, we use 2,0 mm x 2,0 mm glass layers, whereas some other market offerings use thinner 1,6 mm x 1,6 mm layers. This ensures greater durability and longevity.

What is a double glass solar module?

In the ever-evolving world of photovoltaic technology, double glass solar modules are emerging as a game-changer. By encapsulating solar cells between two layers of glass, these modules offer unparalleled durability and efficiency. But what exactly sets them apart? What are double glass solar modules?

What is a dual-glass module?

Dual-glass type modules (also called double glass or glass-glass) are made up of two glass surfaces, on the front and on the rear with a thickness of 2.0 mm each. Some manufacturers, in order to reduce the weight of the modules, have opted for a thickness of 1.6 mm. Dualsun has chosen to stay with a thickness of 2.0 mm for reasons explained below.

What is the bifaciality of a double glass module?

Bifaciality: The bifaciality of double glass modules produces a gain of around 10-11% compared to the power measured on the front panel alone, for TOPCon type modules under so-called BNPI (bifacial nameplate irradiance) test conditions.

In contrast, double glass modules replace the polymer layer with another glass sheet, creating a robust sandwich structure. At IBC ...

Double glass modules use an innovative design with glass on both sides, offering higher photovoltaic conversion efficiency and better environmental characteristics.

In contrast, double glass modules replace the polymer layer with another glass sheet, creating a robust sandwich structure. At IBC SOLAR, we use 2,0 mm x 2,0 mm glass ...

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5. NOCT: Irradiance at 800W/m, Ambient Temperature 20°C, Wind Speed 1m/s. *Measuring tolerance: ±3%. Power ...

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