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## Uganda double glass modules

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 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 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.

Product Specifications -- Product Description 1. Product Description: Propsol's double glass half-cell bifacial module combines high-efficiency bifacial technology with proven half-cell ...

Superior protection; Environmental shielding: Double glass modules provide excellent defense against moisture, corrosion, and UV radiation, reducing the risk of potential ...

Our products, such as Double Glass Transparent Module, Double Glass Bifacial Module, break through the limits of traditional solar modules, to deliver high-performance, safe, and efficiency-enhanced PV products, ...

In windy areas, compared to the Model 210 PV Modules, the Full-Screen Double-Glass PV Modules have lower risks of falling apart due to smaller size and weight has been tested to ...

Glass-glass module structures (Glass Glass or Double Glass) is a technology that uses a glass layer on the back of the modules instead of the traditional polymer backsheet. Originally ...

The thickness of the front glass generally used for this type of structure is 3.2 mm. Dual-glass type modules (also called double glass or glass-glass) are made up of two glass ...

Superior protection; Environmental shielding: Double glass modules provide excellent defense

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against moisture, corrosion, and UV radiation, reducing the risk of potential-induced degradation (PID). ...

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