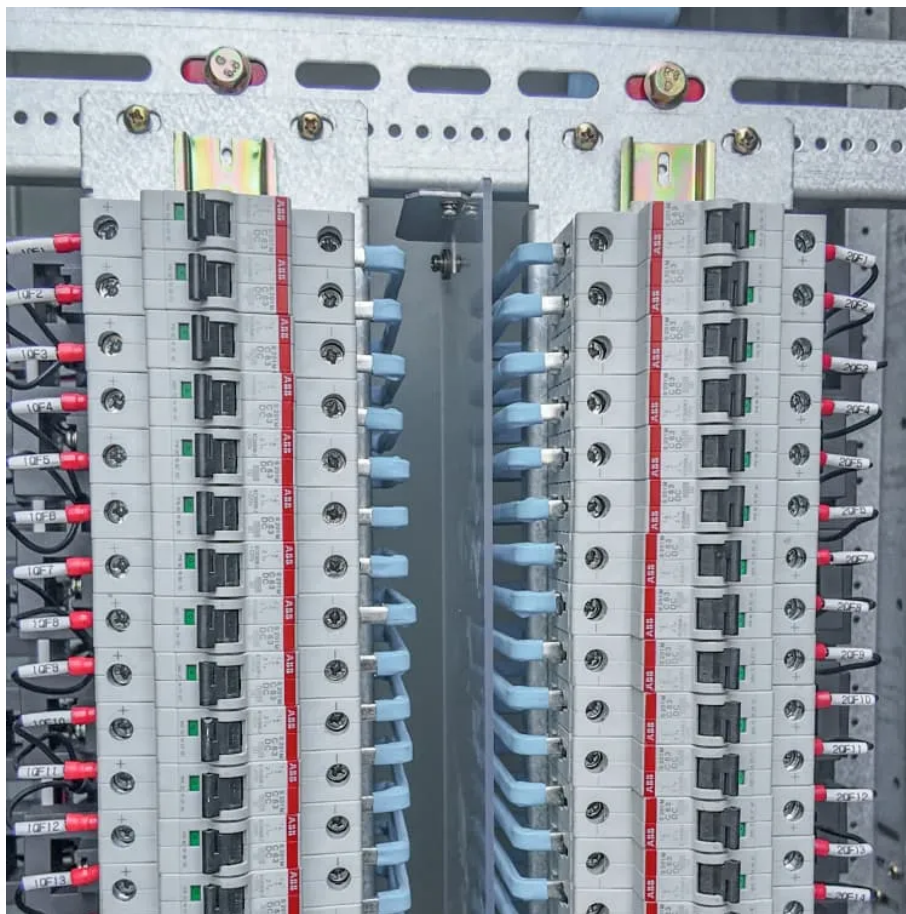


Double-glass full-cell module





Overview

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?

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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.

Are double glass modules bifacial?

Dual-sided energy Capture: Many double glass modules are bifacial, allowing them to harness sunlight from both sides. This can lead to energy gains of up to 25%, especially when installed over reflective surfaces.

Why are double-glass modules important?

Double-glass modules have increased resistance to cell micro-cracking, potential induced degradation, module warping, degradation from UV rays, and sand abrasion, as well as alkali, acids or salt mist.



Double-glass full-cell module

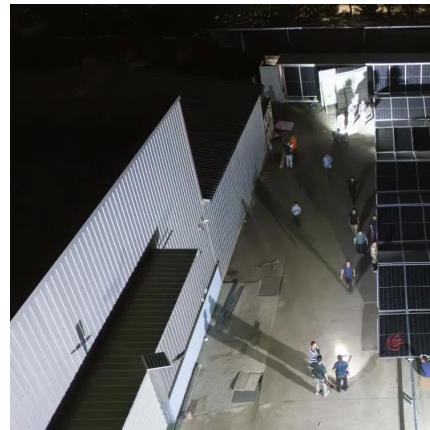


[Double the strengths, double the benefits](#)

Feb 21, 2025 · Superior protection;
Environmental shielding: Double glass modules provide excellent defense against moisture, corrosion, and UV radiation, reducing the risk of potential ...

[Double-glass PV modules with silicone encapsulation](#)

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Oct 5, 2016 · Outline Introduction Loss characterization in double-glass bifacial PV modules Optical loss Resistive loss Approaches for high performance double-glass bifacial module ...

[N-Type HJT Bifacial Half Cell Double-glass Solar Module](#)

Feb 17, 2025 · Cell Type No. of Cells Dimensions Weight Junction Box Cable Connector Frame Max Static Load (front side/rear side) Glass Modules Per Pallet Pallets Per Container Modules ...



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