

# What is a double glass module





## Overview

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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. 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.

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.

Why is double glass important in solar panels?

Double Glass is especially important in photovoltaic facilities such as solar power plants and with the expected long service life of modules. Why solar panels with glass-glass Technology?

Why is solar double glass more durable?



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Glass-glass module structures (Dual 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 ...

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Glass-Glass Solar Panel Technology

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 ...

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Why Choose Double Glass Solar Modules? Glass-glass solar modules (bifacial modules) increase energy production by approximately 2% to 5% compared to traditional glass-backsheet ...

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What are Double Glass Solar Panels?

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