

Double glass module edge band





Overview

What is a double glass module?

The double glass module design offers not only much higher reliability and longer durability but also significant Balance of System cost savings by eliminating the aluminum frame of conventional modules and frame-grounding requirements. The application of double-glass modules covers multiple markets including utility, residential and commercial.

What happens if a glass module bends?

In a single-glass module, the flexible backsheet bends and the margin comes out thinner. In a double-glass module, the glass can pinch together at the edges during lamination. Edge pinch bends the glass, sometimes putting it at the brink of failure as soon as the module is made (Cording 2008).

What is a double-glass solar module?

ABSTRACT: Double-glass modules provide a heavy-duty solution for harsh environments with high temperature, high humidity or high UV conditions that usually impact the reliability of traditional solar modules with backsheet material.

Are double-glass PV modules durable?

Double-glass PV modules are emerging as a technology which can deliver excellent performance and excellent durability at a competitive cost. In this paper a glass-glass module technology that uses liquid silicone encapsulation is described. The combination of the glass-glass structure and silicone is shown to lead to exceptional durability.



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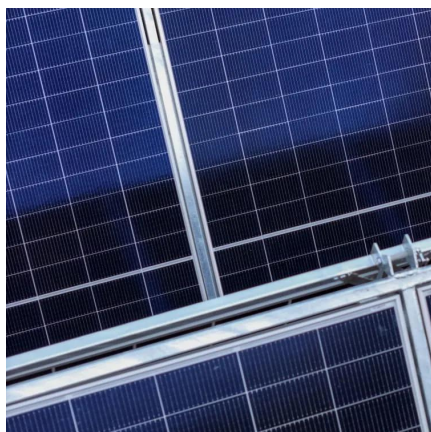


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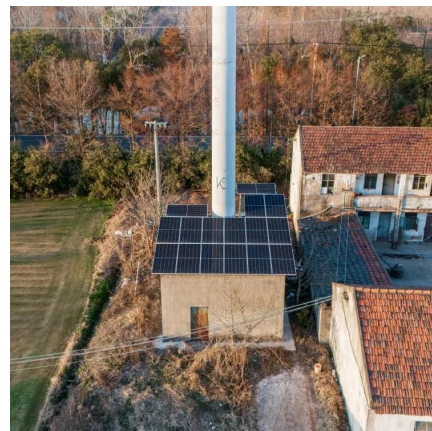
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