

A-Core Container

ASEAN double-glass module agent



Overview

What is a double glass c-Si PV module?

Recently several double-glass (also called glass-glass or dual-glass modules) c-Si PV modules have been launched on the market, many of them by major PV manufacturers. These modules use a sheet of tempered glass at the rear of the module instead of the conventional polymer-based backsheet. There are several reasons why this structure is appealing.

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.

What is the best double-glass module?

When it comes to double-glass, Trina Solar's double-glass module is the most sought after product in the market. It was one of the first companies to promote and commercialize double-glass modules, and it has won industry-wide recognition for its high quality.

What is glass-glass module technology?

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. The concept enables safe module operation at a system voltage of 1,500V, as well as innovative, low-cost module mounting through pad bonding.

What is a bifacial dual-glass module?

Designed for versatility, the Hi-MO X6 Bifacial Dual-Glass modules cater to a wide range of PV application scenarios, such as distributed roofs, PV carports,

and winter gardens. Their bifacial design allows for efficient power generation by effectively utilizing light reflected to the rear side, providing additional power generation gains.

Why should you choose double-glass module?

Double-glass module is not subject to potential induced degradation (PID) and boasts excellent durability, low permeability, long life cycle and other superior qualities. Its many advantages have enabled it to yield impressive results in China's Top Runner Program.

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