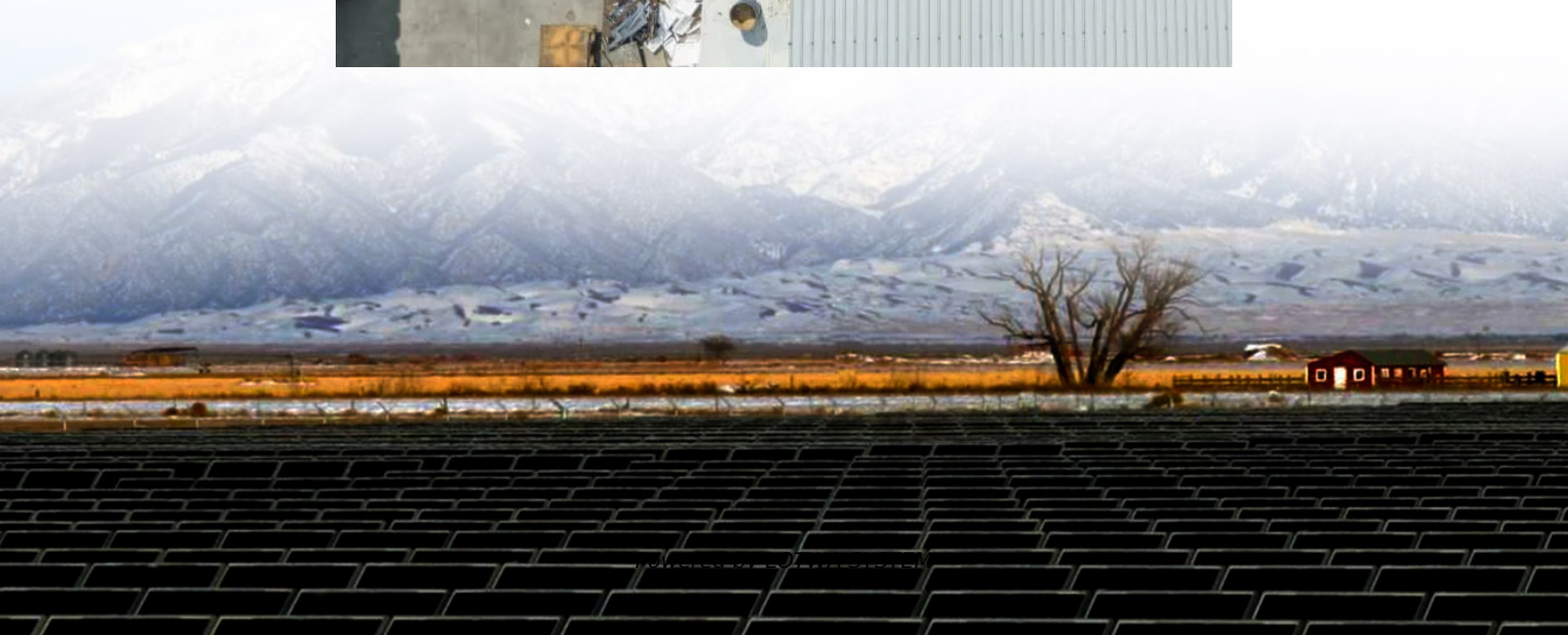


Honduras double glass module temperature coefficient





Overview

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 modules better than traditional modules?

Compared to traditional modules with backsheet, modules with double glass are stronger and more durable, presenting less degradation due to thermal cycling stress. Results from the thermal cycling test up to 400 cycles show about 35% to 43% less degradation with double- glass modules than with traditional modules with backsheet (Fig. 3).

Do double glass modules have a better resistance to PID?

Double glass modules have superior moisture barrier properties and are expected to have a much better resistance to PID. Four Double-glass modules were subjected to a PID test under different conditions (-1000V, 65°C and 85°C, 85% R.H.) for 96 hours.

Are double-glass modules flammable?

Under exposure of a strong burning fire, double-glass modules present a high degree of resistance to ignition, do not propagate fire to the roof deck or other building material, do not slip from their mounting position, and are not expected to produce any flying burning debris. (Fig. 10, 11)



Honduras double glass module temperature coefficient

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Double Glass Module

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