

SolarInnovate Energy Solutions

How many photovoltaic panels are packed in boxes in Lagos Nigeria



Overview

How are solar panels packaged?

This brief article is an introduction to solar panel packaging. Solar panels are typically either horizontally or vertically stacked in a box. Usually, separators are placed between each module, and extra protections are added to the four corners of each module stack.

What is solar panel packaging?

A typical solar panel packaging consists of a cardboard box with the footprint of a pallet and houses between 26 to 36 panels in the box. A good solar panel packaging design makes it easier to transport solar panels on a pallet, and provide excellent protection to the panels during transport.

Do solar PV modules need packaging?

Some companies now specialize only in solar PV module packaging and offer advanced packaging materials and solutions. Until we have global standards for packaging, it is essential to ensure that proper packaging, loading, transport, and unloading procedures are met for solar panels.

How are solar panels shipped?

The box on the pallet is then sealed and strapped followed by being wrapped in plastic film. Solar panels are then usually shipped via ocean on pallets, holding on average 28-30 panels and – depending on order quantities, with extra few panels stacked on top in extra small cartons.

Are there any companies specializing in solar (PV) module packaging?

There already exist some companies specializing in solar (PV) module packaging, offering advanced packaging materials and sound packaging solutions. There will be global standards at a certain point in time to which more and more manufacturers will adhere.

Are solar panels a high-priced product?

Being high-priced products, an important – yet often neglected aspect in the solar industry – is the significance of correct, safe, and efficient packaging of the solar panels. Solar panels reaching the customers broken, cracked, deformed, or scratched as a result of improper packaging are not only annoying but also costly.

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