

## European Solar and Energy Storage Solutions

# How to unpack and hoist photovoltaic panels



## Overview

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Can you walk on a LONGi Solar PV module?

DO NOT stand or walk on PV modules. Prior to beginning installation, review the Installation Manual for LONGi Solar PV Modules. Do not carry a module alone; always use two people to lift and carry. Do not drill holes in the frame of the module.

How do you pack solar panels horizontally?

When solar panels are packed horizontally, unpacking the pallet is straightforward: cut the safety ribbons and take panels from the pallet one by one. Some manufacturers pack the panels horizontally though. In this case, if just remove the ribbons, the stack may just fall.

How are crystalline silicon solar modules packed?

At Citizen Solar the standard packing -1 and standard packing -2 of crystalline silicon solar modules consists of a wooden pallet and a packing box as shown in figures below. 15.3. SPECIAL BOX PACKING.

How do I know if my PV modules have been shipped?

Before you unpack your modules, check the shipping label to ensure you received the right modules. Once you unpack your modules, check the module frame serial number and model label against the shipping label. The serial number is the unique identifier of each PV module.

What should I do if a PV module is damaged?

DO unstack the pallets immediately if the pallet or packaging is compromised, wet or damaged. DO use stable, self-standing structures or devices, or other pallets for support. DO NOT unpack the module pallets from a wet, soft or inclined area. DO NOT use sharp, unstable structures for support. DO NOT stand or walk on PV modules.

## How to unpack a module?

The long side of the module to unpacked needs to be close to a solid support for about 15-20cm distance, the support could be a wall, rack or another unpacked module box of the same type, and then use scissors to cut all the packing strap of the outer box. Remove the top cover of the box, and then remove the carton by lifting it.

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### Solar Boat Lift Kits , 12v or 24v Systems

BoatLiftandDock provides a diverse selection of easy to install, do it yourself Solar Panel Boat Lift Kits for DC 12v & 24v lift or hoist motors. Kits come complete and ready to install with a solar ...

### How to Protect Solar Panels from Damage ...

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### How To Lift Solar Panels Onto The Roof?

Solar Panel lifting requires an exact and careful approach to protect panels and the people involved. The process includes assessing the weight and dimensions of panels before selecting the most effective path onto the roof and ...

### How To Disconnect Solar Panels (2024) , Today's ...

First, locate the MC4 connectors at the end of

each solar panel. Use an MC4 disconnection tool or a socket wrench to unplug each connector. 5. Protect the Exposed Connectors. After disconnection, safeguard ...



## The biggest problems with solar power today, and how ...

Over the past decade, the solar installation industry has experienced an average annual growth rate of 24%. A 2021 study by the National Renewable Energy Laboratory (NREL) projected that 40% of all power ...

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