



# How to unload photovoltaic panels on site

How to unload & store PV modules?

**UNLOADING, UNPACKING & STORAGE** At receipt of PV modules, verify the product details as it had been ordered. Packing list pasted outside the box contains all details including the serial no of modules. It is recommended to unload the packing box by using forklift only.

How to unpack PV modules?

Unpacking of PV modules should always be done in the vertical manner by two persons as shown in the diagram. Also care should be taken for falling over one module to the other inside the packing box. Modules should be stored in a dry and ventilated environment to avoid direct sunlight and moisture.

How to pack solar PV modules?

Inside the box each module is placed in vertically. Put the module into the carton from one side with protector on four corners. Citizen Solar recommends that two people should load into and remove the modules from the pack carton for solar PV modules.

Can solar PV modules be installed in sunlight?

Use of insulated tools and gloves is recommended while working with modules in sunlight. No metallic contacts should be on the human body. The installation of solar PV modules should only be performed by a qualified licensed professional, including, without limitation, licensed contractors and licensed electricians.

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.

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. In addition to invalidating the product warranty, this will also reduce

Cut off the whole packing belt of the pallet, and use a forklift to separate the two pallet modules. When each of the modules is taken out in turn, lift up the EVA card slot on the top to ensure ...

⋮ In the process of loading and unloading, the forklift should be selected reasonably according to the size and weight of the goods. If the fork length is less than 3/4 of the size of the goods ...

This short video explains best practices for loading, banding, and unloading solar modules with your PV pallet



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Series X. Note that banding is always necessary to properly secure your PV modules...

What Is Solar Panel Delivery? Solar panel transportation, or solar freight, involves moving solar panels from manufacturers to distributors, contractors, and finally to installation sites. Unlike regular deliveries, solar panel transportation needs ...

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This document provides a safe work procedure for offloading, loading, and dispatching solar PV panels with a telehandler. It outlines responsibilities and definitions. The procedure specifies that a take 5 risk assessment and job ...

The key for storing solar panels is to protect them from the weight of each other and external transportation damage. We uphold unique solar panel loading, transporting and unloading stipulations at Crown LSP Group. ...

Admittedly, module shipping, unpacking, handling and storing are not the sexiest topics -- most of the industry's attention goes to the installation process and related best practices -- but for EPC site teams and other ...

**Materials Needed for Building a Photovoltaic Solar Panel.** Of course, you can only build your own solar panel system with the appropriate equipment. Don't worry. Everything you need is listed ...

The panels are usually shipped on pallets holding between 28 and 30 panels each. However, there is globally no accepted and widely applied standard for the packaging, loading, transport, and unloading of solar PV ...

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**STEP 3:** Switch ON the solar panels by turning ON the circuit breaker in the "DC/ ENERGY BOX" tagged "SOLAR PANEL", See figure 1. Wait until the inverter recognises the PV panels. A PV ...

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All solar panel strings connected in parallel have to feature the same voltage, and they also have to comply with the NEC 690.7, NEC 690.8(A)(1), and NEC 690.8(A)(2). Modules need to be the same model in all ...

Not everybody treats the package this good, but these safety measures should give you an idea of how a solar

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panel is supposed to be shipped. Alexey Kruglov. A1SolarStore CEO. When solar panels are packed ...

Embarking on the journey towards harnessing solar energy is a commendable step toward sustainability and a reduced carbon footprint. However, the success of any solar panel installation hinges on a critical yet ...

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