

## European Solar and Energy Storage Solutions

# Illustrated instructions for manual unloading of photovoltaic panels



## Overview

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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 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.

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.

What are the requirements for a PV module installation?

All installation work must comply with the local codes and the relevant international electrical standards. Trina recommends that PV module installation is conducted by personnel with experience in PV system installation. Operation by personnel who are not familiar with the relevant safety procedures will be very dangerous.

How to clean a PV module?

If there is greasy dirt and other substances on the surface of the PV module which are difficult to clean, conventional household glass cleaning agents can be used; Do NOT use the alkaline and strong acid solvents. When cleaning the back surface of the module, take care to avoid penetrating the substrate

material.

How do you connect a PV module?

Connect positive terminal of one module to the negative terminal of the next module. PV modules only with the same rating should be used in series and parallel connections. Connect modules in parallel to increase current. Connect wires from the positive terminal of the one module to the positive terminal of the next module.

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### Solar PV Module Handling, Storage, Installation

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### Photovoltaic Module Installation Manual of TONGWEI CO.,LTD

1 Manual Description01 1 02 Disclaimer 1 Module03 Information 2 04 Module Safety 4.1 General Rules Electrical Performance Safety4.2 Transportation 4.3 and Handling Safety 4.4 Installation ...



### Manuals & Related Documents - JinkoSolar

Jinko Solar Co., Ltd. ( hereinafter "JinkoSolar", NYSE: JKS) is a global solar technology leader characterized by integrated research, development and manufacturing of photovoltaic products. JinkoSolar serves more than 200 ...



### First Solar Series 6 Plus Plus and Series 6 Plus Plus Bifacial

This document provides information on First

Solar Series 6 Plus and Series 6 Plus Bifacial modules for system designers, installers, and maintenance personnel. Modules are intended ...



## **Safety First: Solar Panel Installation Tips from CleanMax India**

Electrical solar panel installation . Cut resistant quality hand gloves are used as and when modules are physically installed. Utmost care is taken to not overload the panels. Routing the ...

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