

The process of loading photovoltaic modules into containers





Overview

How are solar modules shipped?

Most solar modules travel thousands of miles from the manufacturing facility to the installation project site. Along the way, they are packaged, palletized, trucked, shipped on freighters and trucked again (and again).

What should I know before installing a LONGi Solar PV module?

DO NOT use sharp, unstable structures for support. 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 are the modules transported?

The modules shall be transported on a flat ground; When taking the modules out of the box, it is recommended to use protective tooling to separate the modules to prevent friction from producing flecks.

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 if a container is unloaded on the unloading platform?

If the container is unloaded on the unloading platform, it is required to be used with the unloading platform or tooling. The height of the unloading platform and the height of the unloading tooling should be kept at the basic level with the bottom of the container (loading bottom plate), and the height tolerance should be controlled within $\pm 10\text{mm}$.

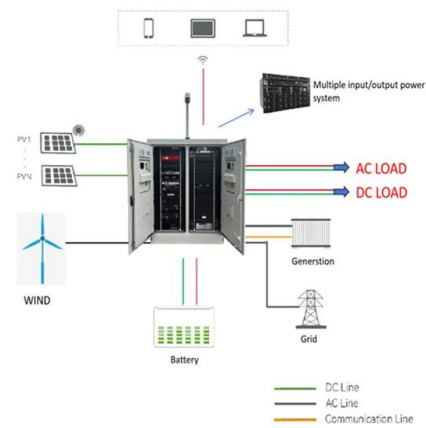
Are large-format solar modules a good investment?



One of the biggest trends in solar modules is the arrival of large-format modules. The benefits of these mega modules have been widely reported, such as higher power ratings, reduced amount of balance of system (BOS) and electrical BOS components, lower installation costs and greater reliability.



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[Photovoltaic Module: Definition, Importance, Uses and Types](#)

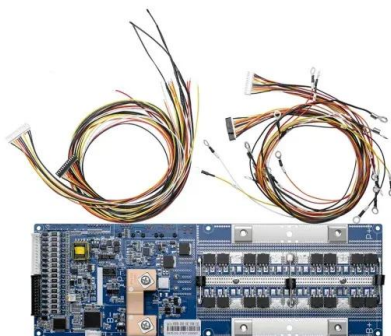
Photovoltaic modules, or solar modules, are devices that gather energy from the sun and convert it into electrical power through the use of semiconductor-based cells. A ...

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[PV Module Unpacking, Handling and Storing Guide](#)

This guide serves as a reference for inspecting, transporting, unpacking, handling and storing LONGi PV solar modules to ensure safe practices for you and the modules.

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[STORAGE AND UNPACKING INSTRUCTION OF ...](#)

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, ...

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Packaging Datasheet1

When using a forklift to move palletized packing boxes to the operation area, the forklift shall be slowly and steadily lifted and put down gently during loading and unloading, and the modules

...



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[STORAGE AND UNPACKING INSTRUCTION OF ...](#)

To ensure the safety of loading, unloading, unpacking and storage of PV modules, please read this manual carefully. When you need to unpack and install the modules, you can search and ...

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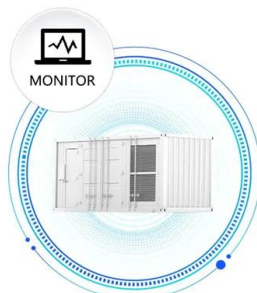
[Best practices for handling, unpacking and storing ...](#)

Admittedly, module shipping, unpacking, handling and storing are not the sexiest topics -- most of the industry's attention goes to the installation ...

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[Transportation of solar photovoltaic modules](#)

Safety when transporting solar PV modules from warehouse to job site is an ongoing issue for installers but one Australian solar company has designed and manufactured a simple yet ...

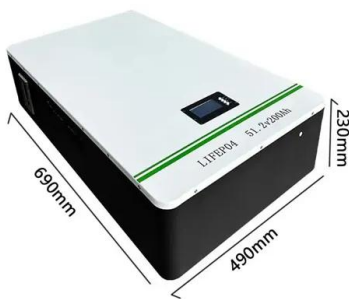
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Photovoltaic panels - transportation and customs duties

Photovoltaic panels - specifications Over the decades, the prices of solar panels have dropped drastically. Between 2008 and 2012, module prices fell by as much as 80%. It was possible ...

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Future Trends in Solar Technology: The Rise of Vertical Packing ...

A new direction toward lighter, denser, and faster-deployment solar arrays is motivating Future Trends in Solar Technology: The Evolution of Vertical Packing for ...

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Packing, loading & picking of solar modules

Before the solar modules are packaged and then loaded, please read these instructions carefully. It provides important information and guidelines for the safe packing and loading of solar ...

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Mastering the Art of Vertical Packing for Photovoltaic Panels: A

To Master the Vertical Packing Technique of Photovoltaic Panels, learn first why it's been such a buzz for mobile deployment, what techniques make it valuable, and how to ...

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[How to Mount Solar Panels on a Shipping Container?](#)

Mounting solar panels on a shipping container can be a practical solution for mobile or remote power needs. Below are the general steps and considerations for mounting ...

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Best practices for handling, unpacking and storing large-format ...

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 ...

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Basics of solar panel packaging

This reference to 'typical' packaging and shipping underlines, that there is globally no accepted and widely applied standard about the packaging, loading, transport, and unloading of solar ...

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[Loading and unloading solar photovoltaic panels](#)

This short video explains best practices for loading, banding, and unloading solar modules with your PVpallet Series X. Note that banding is always necessary to properly secure your PV

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How To Pack PV Modules?

On the PV module production line, packaging and loading is the final manufacturing process. After the PV modules are produced and tested, they are transferred to the packaging area by

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[Photovoltaics: Basic Principles and Components](#)

Photovoltaics: Basic Design Principles and Components If you are thinking of generating your own electricity, you should consider a photovoltaic (PV) system--a way to generate electricity ...

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