



# Photovoltaic panel unpacking tips

Which materials should be used to install photovoltaic modules?

JA Solar recommends that when installing modules at the seaside, stainless steel or aluminum materials should be used to contact the photovoltaic modules, and the installation parts should be well protected from corrosion. The tilt angle of the modules is measured between the surface of the modules and a horizontal ground surface.

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 to unpack JA Solar modules?

Store pallets in a ventilated, rain-proof and dry location until the modules are ready to be unpacked. Please unpack the package of JA Solar modules according to "JA Solar Modules Unpacking Instruction". Do not lift the modules by grasping the module's junction box or electrical leads in any condition.

Are photovoltaic modules dangerous?

Photovoltaic modules can produce DC electricity when exposed to light and therefore can produce an electrical shock or burn. DC voltage of 30 Volts or higher is potentially lethal. Modules produce voltage even when are not connected to an electrical circuit or load. Please use insulated tools and rubber gloves when working with modules in sunlight.

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 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.

Module manufacturers should work closely with both the freight carriers and their customers to mitigate the risks of module mishandling. Preinstallation training should be encouraged as well as the sharing of best ...

Here's an overview of some actionable steps you can take to improve solar panel efficiency: 1. Make sure there's nothing blocking your solar panel (shade or dirt) 2. Set the right tilt angle for your solar panel. 3. Adjust ...

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Solar Panel Protection: Essential Tips and Tricks for Prolonging Lifespan. Solar panel protection involves safeguarding the panels from damage caused by environmental factors such as hail, wind, dust, and snow. This can ...

The solar panel performance depends on keeping the panels clean and in good condition, as well as actively monitoring for any potential issues that could affect their output. In this article, we will discuss the importance of ...

package before unpacking, and secure the s in the manner before unpacking with a packing tape module (recommended pulling force: 2100N). Finally, apply moisture -proof and dust proof ...

V? Unpacking instruction ? 3? 210 Vertical packing and unpacking steps with wood shield : Equipment and Tools: Cutter, Glove, Forklift People: No less two persons ?????1??? ...

Solar panel wiring: Tips from a professional. Now, it is important to learn some tips to wire solar panels like a professional, below we provide a list of important considerations. Always wear safety gear. Safety ...

Utility-scale solar installations use rapidly evolving technologies, from photovoltaic (PV) modules and inverters to battery storage and metering. In PV systems, current is &quot;wild&quot; and not limited by electronics. Solar panel safety precautions, ...

