

# How to unpack photovoltaic panels without them falling down

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.

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.

How do I store JA Solar modules?

Secure pallets from falling over. Do not exceed the maximum height of pallets to be stacked, as indicated on the pallet packaging. 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".

How to unpack a module?

The long side of the module to be 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.

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.

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In practice, at scale, each solar panel could be fitted with railings on each side, with an electrode spanning across the panel. A small electric motor, perhaps using a tiny portion of the output ...

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It's best to stage the pallets in a flat, open and dry location when unpacking, and position the pallets next to a solid, self-standing support structure, such as a tracker post or ...

Get expert advice on the top solar panel problems owners face and how to solve them. Solar panel inverter problems, dirty solar panels, pigeon problems under solar panels, generation meter and electrical problems with ...

There can be several reasons for the solar panel to work inefficiently. One of the causes can be a faulty installation. If the solar panel sits under a tree or in a shady area, the sunlight exposure would be less. Solar ...

Solar panels are not installed on old or damaged roofs -- or, at least, they shouldn't be! The typical life span of a roof is around 25 years, which is also the life span of an average solar panel. Therefore, if your roof is over a ...