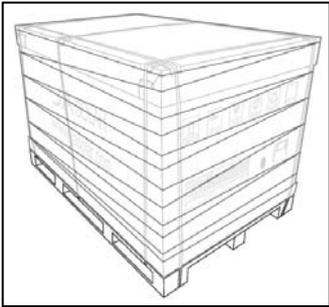
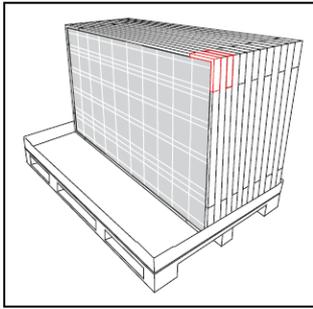
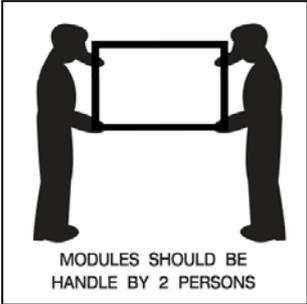


Transport and storage requirements of JA Solar PV Modules

<p>1. There is a layer of plastic film out of JA Solar PV Modules` (hereinafter referred to as “Modules”) package, and it can protect the pallet from general dirty and water. There’s no need to remove the film if the pallet would be in long-distance transport or long-term storage.</p> 	<p>2. The packaged Modules can be transported by land, sea or air. Please ensure that the packages won’t roll down during the transport. That’s better to fasten the packages in the transport platform. Modules are fragile, so the pallets of Modules should not fall down. In addition the packages could not be bumped tempestuously.</p> 	<p>3. Packages could not be damp-proof completely. It may cause danger because the damp packages’ structural strength will reduce. So the packages mustn’t get wet or damp during the transport and storage. Please put the packages in a ventilated, damp-proof and dry place.</p> 
<p>4. Packages of JA Solar Modules could be stack up, but it only could stack 2 pallets together. The total stack quantity could not be more than 2.</p> 	<p>5. The packages should not be stepped on.</p> 	<p>6. Please follow <Unpacking Instruction of JA Solar PV Modules Standard Package> to open the packages of JA Solar.</p> 
<p>7. It’s forbidden to put packages of modules together with caustic chemical or gas. Please pay attention to fire safety.</p> 	<p>8. Once you find a wet package, please unpack it carefully and take out the modules, then put them in a ventilated place to prevent them from mildew. The total stack quantity of unpacked modules should be no more than the maximum in a package.</p>	<p>9. It needs two persons to handle the single module at the same time.</p> 

Unpacking Instruction of JA Solar PV Modules Standard Package

Equipment and Toll: Cutter, Glove and Forklift.

People: No less than 4 persons.

Attention:

1. When unpacking in outdoors, forbid operation under the rainy days. The carton will become soft and result that the PV module (Hereinafter referred to as “Modules”) will slip out of the package.
2. If the site has wind need to be careful, especial has the strong wind situation should not be operation. It is better not to move the Modules and fasten the Modules which have been unpackaged.
3. The ground should be provided stable for setting the packing carton and avoid collapse.
4. Please take the glove throughout the unpacking process to protect your hands and avoid leaving handprint the surface of the glasses.

Step:

1、 Use a forklift to move the packing carton with tray to operation area. Packages couldn't be bumped or vibrated tempestuously when move them.

The forklift should be longer enough to avoid the packages toppling backward when move the packages. It's better to move the packages through the short-side if you use hand-push forklift.

The long-side of the unpacking carton should be put near one strong wall, support or another unpacked package of the same specification (Hereinafter referred to as “upholder”).The upholder should be parallel with the package's long-side, and the distance should be 15~20cm.

(Note: The content of posted and printed on carton will be different with product type and batch, all below pictures only for reference.)



- 2、 Check if the packing carton is complete, for example, the Peak power and other information.



Label

Carton Number

Transport and Storage Requirement

Shipping Mark

- 3、 Remove the upper 3 plastic straps.

Find the joint of strap, grab the two ends of connector with two hands, pull in the opposite direction

and then it can be easy to divide them.



4、 Remove the plastic protective film on the top.



5、 Remove the protective film.

Rip the protective film outside the packing carton with box cutter or other hard thing. Be careful not to scratch the box. Then remove the four side protective film, and remove the inside plastic straps finally.



6、 Open the cover.



7、 Remove the peripheral board.

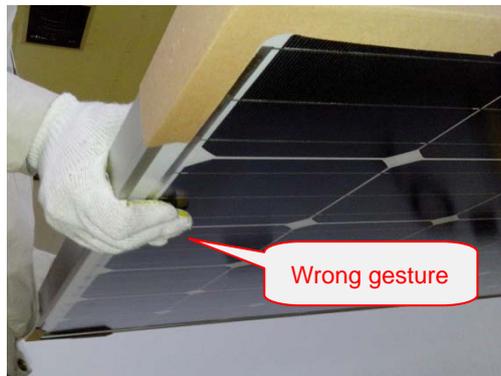
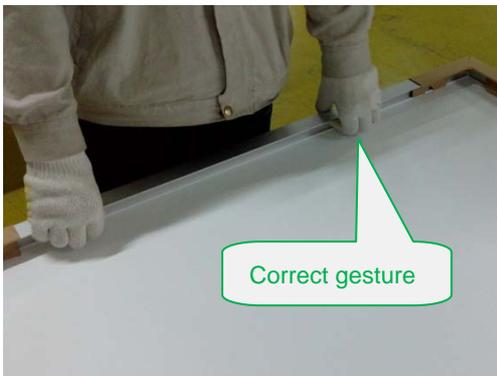
Two persons stand at the right sides of box, prepare to hold the module avoid module down after the peripheral board has been removed. Other two persons pull the peripheral board up, and then put the board between the package and upholder to protect the Modules from scratch by the upholder. Finally push the module softly and keep the module line against the trestle.



8、 Move the Module.

Two persons seize the short-side of the module separately, and exert strength at the same time to put the module to the named place.

Must take the glove throughout the moving modules process, for protect your hands to avoid scratch hand. Please seize the frame inside to move modules, finger touch glass surface shall be strictly forbidden, to avoid leaving fingerprints on glass surface.



Then remove all the Modules one by one.



If the unpacked Modules won't be installed immediately, and you need to put them horizontally, please put the package cover on a pallet, put the first module into the cover and keep its glass faceup, then stack other Modules on the top and keep their glass facedown. when you put the Modules together horizontally, The upper limit is no more than the number of one packing carton.

Note: The Modules must be stacked trimly, otherwise the Modules may lean or even drop during the transport.

Lift by the flange only, cradle the module in your hands being careful not to twist the module when lifting.