

Unpacking manual for horizontal installation of modules

Equipment and tools: knives, gloves, crane/forklifts (The fork thickness of the forklift should be less than 85mm) ;

Personnel: No less than 3, including 2 for anti tilt packaging; It is forbidden to work in rainy conditions during unpacking outdoors;

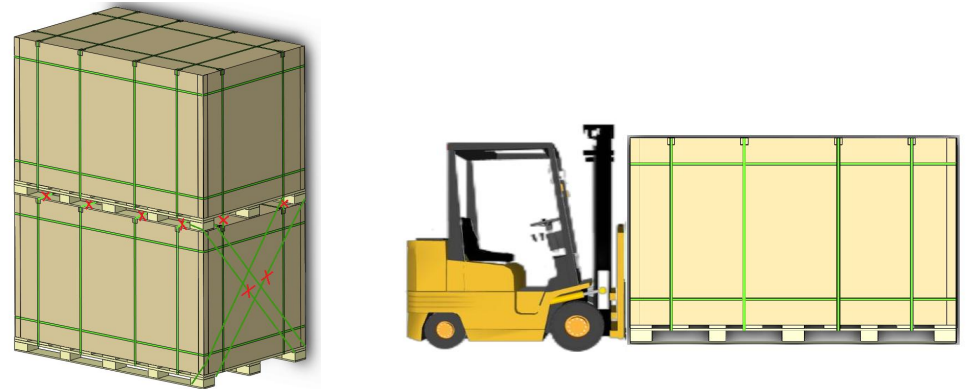
Note: Please confirm that the upper and lower package modules of the stack without skew before unpacking; The outer box printing and labeling contents vary with the product model batch; The printing and marking shown in all the pictures below are for reference only.



Step 1

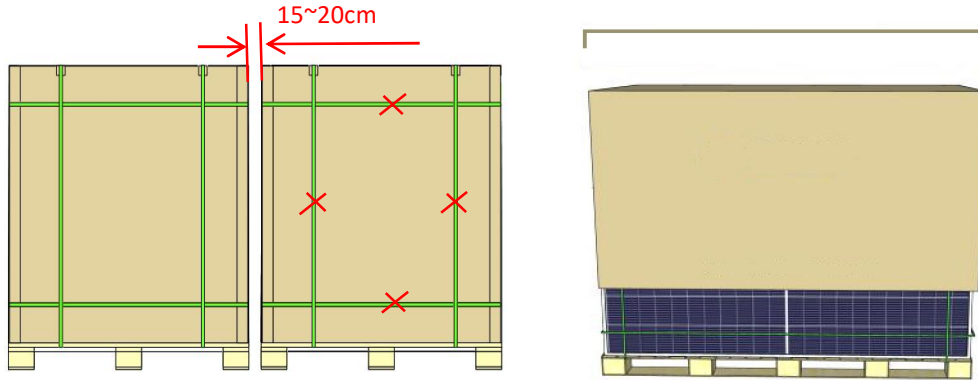
When unloading with a crane, it is necessary to select a lifting rope with sufficient tensile force based on the weight and size of the module. A wooden board or special tooling with the same width as the outer packaging box of the module should be used to support the lifting strap above the box. Additionally, metal steel pipes or special tooling should be added to support and fix the lifting strap at the bottom of the lower tray of the module to avoid squeezing the modules inside the box. At most, two pallets of horizontal packaging modules can be lifted at a time. Place them gently on the horizontal ground.

When unloading with a forklift, it is important to avoid collisions with the module boxes to prevent damage to the internal modules. They should be gently placed on a horizontal surface.



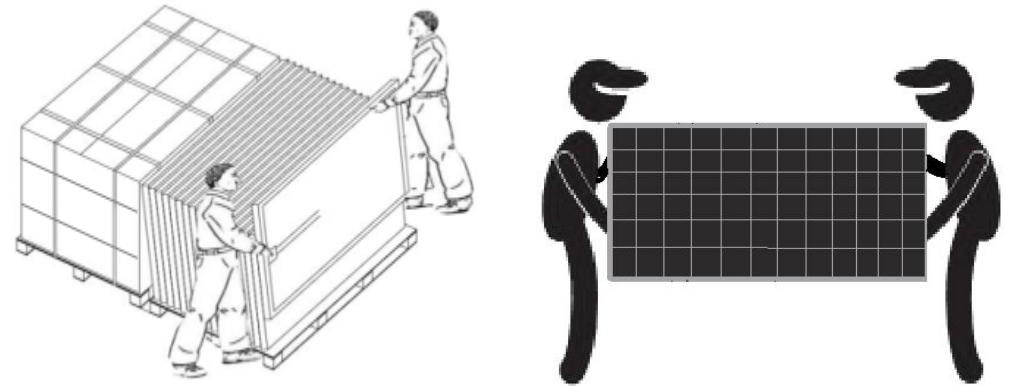
Step 2

Cut the strapping belts used to bundle the upper and lower pallets of the stacked modules after unloading. Fork out the upper pallet with a forklift and put it on the ground.



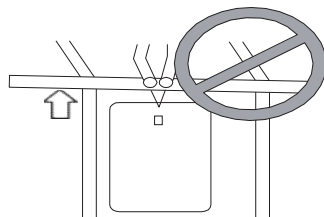
Step 3

Before unpacking the modules, supports (special support frames or a pallet of unpacked modules) should be placed at a position 15 to 20cm from the back of the long side of the module. Carefully check the shipping marks on the box to confirm the module model, power, quantity, and serial number, and inspect whether the packaging box is intact. After confirmation, remove the waterproof cover and stretch wrap, unpack the strapping belts of the outer box, and take off the box cover and side panels.



Step 4

One person should stand on each side of the short end of the pallet. One person holds the module steady while the other removes the packing straps. Then, both individuals gently push the module to lean against the support. Holding the short edges of the module, they lift and carry it vertically to the designated location with coordinated effort.



Notes:

- 1、 For long-term storage, retain the original packaging and cover it with a waterproof cloth. Stacking should not exceed two pallets.
- 2、 When transporting, securely fix the packaging boxes on the transportation platform. Avoid using tricycles and ensure stability.
- 3、 It is prohibited to carry modules on one's back or with a rope, and it is not allowed to pull or lift the wires or junction boxes.
- 4、 Do not step on the modules.
- 5、 Uninstalled modules after unpacking should be placed horizontally, supported by double pallets. Place the packaging box cover on the pallet, with the glass face of the first module facing up and the glass faces of the remaining modules facing down for stacking. The number of stacked modules should not exceed 16.
- 6、 Use a forklift to move the packing box with pallet to the working area, and avoid violent bumps, vibrations and dumping the pallet backwards during transportation. If it is a manual forklift, enter from the short side of the pallet.