Crystalline Silicon Photovoltaic Module Unpacking and Storage Instructions.

Changzhou EGing Photovoltaic Technology Co. Ltd.

I、 Packaging for all type Module

Packaging types	Modules Layout
Horizontal vertical packing	EG-XXXM60-HEV
	EG-XXXM72-HEV 、 EG-XXM72-HL/BF-DG
	EG-XXXM54-HLV
	EG-XXM60-HLV
	EG-XXXM72-HLV 、 EG-XXXM72-HL/BF-DG
	EG-XXXM60-HUV 、 EG-XXXM60-HU/BF-DG
	EG-XXXM66-HUV 、 EG-XXXM66-HU/BF-DG
Vertical type packing	EG-XXXM60-HUV 、 EG-XXXM60-HU/BF-DG
	EG-XXXM66-HUV 、 EG-XXXM66-HU/BF-DG
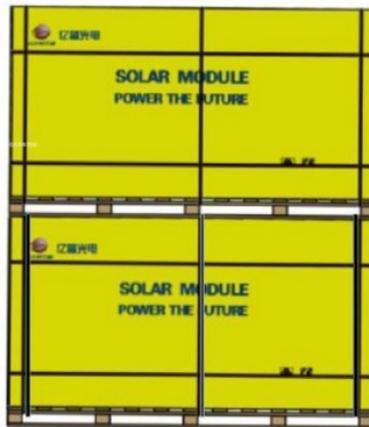
Horizontal vertical packing

Vertical type packing

II、 Storage requirements

- If the modules need to be stored for a long time, we recommend store them in a standard warehouse. Do not remove the original packaging. Keep the packing cartons intact. The stacking of vertical modules shall not exceed one pallet, and the stacking of horizontal vertical modules shall not exceed two pallets.

- Storage requirements： Humidity <85％， Temperature range -40℃～50℃;

- Periodic inspection, If the tilt is abnormal, harden it in time to ensure personal safety. Do not allow unauthorized personnel to approach the modules storage area.
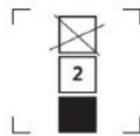
叠放不超过两托	朝上放置
STACK LIMIT IN 2 UNITS	THIS SIDE UP
两人搬运组件	保持干燥
MODULE SHOULD BE HANDLED BY 2 PERSONS	KEEP DRY
易碎	不要踩踏
FRAGILE	DO NOT STEP ON
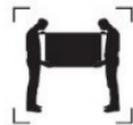
II、 Storage requirements

- Due to the complex environment and climate of the project site, in order to ensure the safety of the modules on site, it is recommended that the stacked modules (Horizontal vertical) be disassembled and stored in a single tray (only cut the outer packing belt which linking the two trays and separate the upper and lower trays), and the double-glass modules must be disassembled and stored in a single tray;

- In rainy or snowy, please cover the modules and pallets completely, and take measures to protect the pallets and cartons from rain and moisture. Remove the rain cover to dry the outer package as soon as possible when it is sunny or windy;

- Modules should be placed neatly, and a safe distance should be kept. The distance between boxes should be greater than 30cm;

- Please do not stack other things on the modules or packing case;
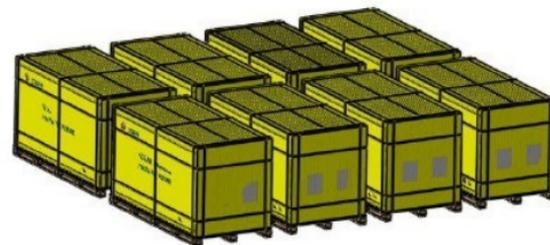
II、 Storage requirements

- Select a higher ground area with a high-level floor to store the modules. After the modules arrive at the project site, place them on the level floor, if there is a slope, the slope should be less than or equal to 4°.

- To ensure that the modules do not collapse in storage, long-term storage is not inclined, do not choose soft, easy to collapse of the ground, choose hard and leveling area;

- Do not let the tray soak water. Drainage measures should be taken in advance in the storage place to prevent the ground from being soft and sinking due to a large amount of water on the ground after rain;

III、 Precautions for forklift transportation

- During loading and unloading, forklift tools should be reasonably selected according to the size and weight of the goods. If the fork length is less than 3/4 of the size of the goods, an extended sleeve should be put on the fork before forklifting the modules to avoid the packing case toppling when the forklift is moved;

- The fork should be slowly inserted from the long side of the tray into the tray between the bottom plate and the panel, without bumping the modules;

- When transporting vertical modules with forklifts, it is recommended that the modules be secured with a safety rope with tensile strength ≥ 2000kGF to prevent the modules from tipping over;

- In the process of loading and unloading, except the forklift operator, others should be kept at a safe distance;

- When using a forklift to move the packing case to the working area, load and unload the packing case should be slowly, smoothly and gently, Avoid jolting and violent vibration during transportation.

IV、 Precautions for unpacking

- Do not unpack outdoors under rainy or snowy conditions.

- Do not disassemble or move modules on a windy day.

- Do not move the modules by one person. Otherwise, the module may slip and impact others, which may lead to scratches, deformation, or cracks.

- Do not remove modules by pulling the junction box or cable.

- Do not stand on the back of the rack. Please strictly follow the instructions for unpacking.

- Before cutting off the inner packing belt, please take protective measures to prevent the modules from toppling. Take precautions to avoid scratches on the face or eyes.

- Use scissors or utility knife to cut the packing belt of the outer box. Do not scratch the glass. Check the number of modules in the box after unpacking.

- The working ground should ensure that the packing case can be placed horizontally and stably to avoid modules toppling.

- Please Wear protective gloves, prevent scratches or fingerprints on the glass during unpacking and moving.

Do not Unpacking operations in rain,
snow and strong wind

V、Unpacking instruction

- 1、Horizontal vertical packing and unpacking

 Equipment and Tools: Cutter, Glove, Forklift

  People: No less two persons
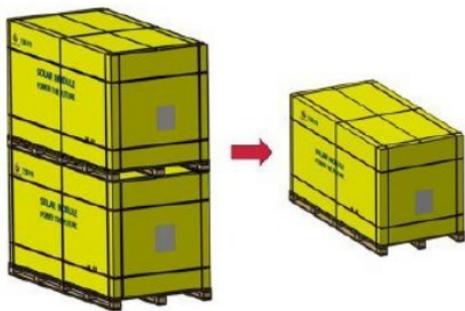
① Use cutting tools to cut the whole packing belt
of the stacking tray, and use forklift to remove
and separate the upper supporting modules

② Remove the seven packing straps
from the outer package
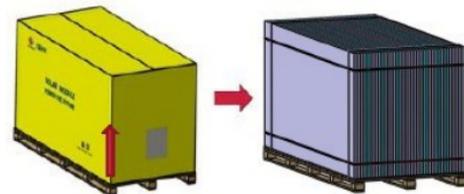
③ Remove the carton from the
bottom up

V、 Unpacking instruction
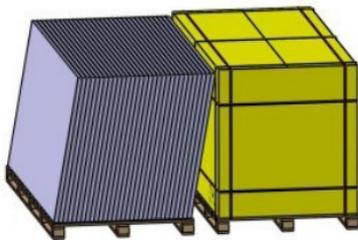
④ Cut the inner packing tape. The long side of the modules to be unpacked needs to be close to a solid support of about 15-20cm, such as a wall, bracket or another unremoved module box of the same specification.
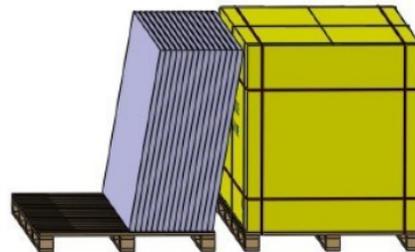
⑤ Wear gloves and take out the modules gradually. Two people take out the modules from both sides simultaneously. We suggest that once the modules are unpacked, they should be taken out at one time.

V、 Unpacking instruction

- 2、 210 Vertical packing and unpacking steps:

  Equipment and Tools: Cutter, Glove, Forklift

  People: No less two persons

① Cut the packing tape of the outer package   ② Remove the cover   ③ Remove front cover and coaming

④ Cut the inner packing belt and lean the modules against a sturdy support or wall.

⑤ Wear gloves and take out the modules gradually. Two people take out the modules from both sides simultaneously. We suggest that once the modules are unpacked, they should be taken out at one time.

V、 Unpacking instruction

- 3、 210 Vertical packing and unpacking steps with wood shield :

Equipment and Tools: Cutter, Glove, Forklift

People: No less two persons
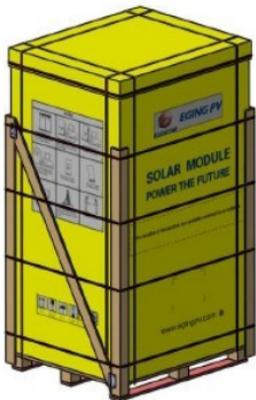
① Cut the outer packing belt
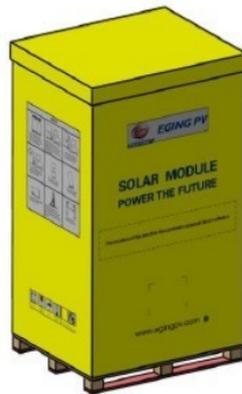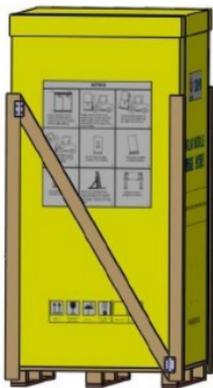
② Use a screwdriver to
remove the fixed wood shield
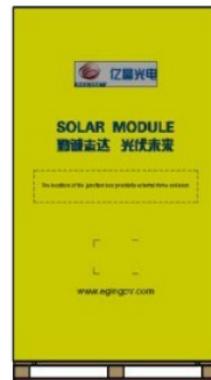
③ Remove the cover

V、 Unpacking instruction

④ Remove front cover and coaming

⑤ Cut the inner packing belt and lean the modules against a sturdy support or wall.

⑥ Wear gloves and take out the modules gradually. Two people take out the modules from both sides simultaneously. We suggest that once the modules are unpacked, they should be taken out at one time.

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