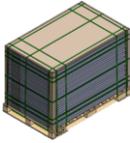
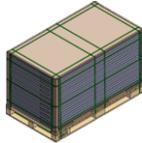


# SUNPOWER

FROM MAXEON SOLAR TECHNOLOGIES

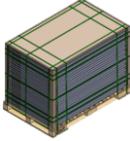
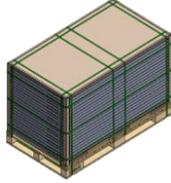
## 1- Full pallet feature & appropriate handling means

### 1.1-Maxeon line: Residential

		<i>MAXEON 3</i> 104C-RES	<i>MAXEON 3</i> 112C-RES	<i>MAXEON 6- AC</i> 66C-RES
				
<b>Drawing</b>				
<b>Pallet dimension &amp; weight</b>		174x109x122 cm 538 kg	185x109x125 cm 580 kg	192x108x127 cm 612 kg
<b>Packaging method</b>		26 pv /pallet  Horizontal Sunny side up Plastic corner	26 pv /pallet  Horizontal Sunny side down Plastic corner	25 pv /pallet  Horizontal Sunny side down Plastic corner
<b>Loading method for full truck Euro trailer</b>		28 pallets -728 pv / truck  Double stack with air bags	28 pallets -728 pv / truck  Double stack with air bags	25 pallets -625 pv / truck  Double stack with air bags Last pallet single
<b>Unloading method</b>		With forklift or Tail lift allowed if no double stack  <b>Unloading the pallet from the top of the truck with a crane is forbidden (for safety reasons)</b> <b>Unloading manually the panel from the truck is not appropriate (for safety reasons)</b>		
<b>Ground method</b>	Pallet jack / Forklift	Standard forks regardless of pallet side  Check beforehand the load capacity of the equipment able to carry the pallets weight		

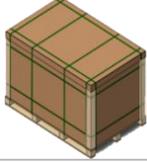
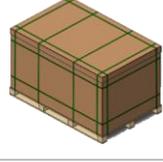
- For outdoor or indoor use: choose the appropriate handling machine depending on the site situation, the ground condition, the type of truck
- Handle with high care
- Double stacking during transportation can be done for same pallet type only if the pallets are properly blocked and secured with air bags and loading bars to avoid abrupt movements.

1.2-Maxeon line: Commercial

		<b>MAXEON 3</b> 104C-COM	<b>MAXEON 5</b> 72C-COM	<b>MAXEON 6</b> 72C-COM	<b>E/X-series</b> 128C-COM
					
<b>Drawing</b>					
<b>Pallet dimension &amp; weight</b>		174x109x122 cm 538 kg	203x105x120 cm 590 kg	209x108x123 cm 691 kg	212x113x200cm 965 kg
<b>Packaging method</b>		26 pv /pallet Horizontal Sunny side up Plastic corner	25 pv /pallet Horizontal Sunny side up Plastic corner	29 pv /pallet Horizontal Sunny side up Plastic corner	40 pv /pallet Horizontal Sunny side up Stacking pins
<b>Loading method for full truck Euro trailer</b>		28 pallets -728 pv / truck Double stack with air bags	25 pallets -625 pv / truck Double stack with air bags Last pallet single	24 pallets -696 pv / truck Double stack with air bags	12 pallets -480 pv / truck Single stack
<b>Unloading method</b>		With forklift or Tail lift allowed if no double stack	<b>With forklift</b> <b>Tail lift forbidden</b>		
		<b>Unloading the pallet from the top of the truck with a crane is forbidden (for safety reasons)</b> <b>Unloading manually the panel from the truck is not appropriate (for safety reasons)</b>			
<b>Ground method</b>	<b>Pallet jack / Forklift</b>	Standard forks regardless of pallet side	Long forks recommended if lifted through the short side		
		Check beforehand the load capacity of the equipment able to carry the pallets weight			

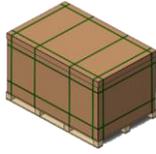
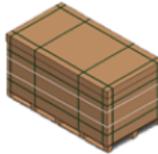
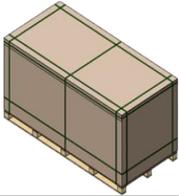
- For outdoor or indoor use: choose the appropriate handling machine depending on the site situation, the ground condition, the type of truck
- Handle with high care
- Double stacking during transportation can be done for some pallet type only if the pallets are properly blocked and secured with air bags and loading bars to avoid abrupt movements.

1.3- Performance line : Residential

		P3 RES 370-390W	P3 RES-AC 370-390W	P6 RES 375-415W	P6 RES-AC 375-410W	
<b>Drawing</b>						
<b>Pallet dimension &amp; weight</b>		176x113x129 cm 675kg	176x113x129 cm 724kg	187x115x126 cm 762kg	185x113x122 cm 788kg	185x113x122 cm 810kg
<b>Packaging method</b>		30 pv /pallet Vertical corner sleeves	30 pv /pallet Vertical corner sleeves	34 pv /pallet Vertical <b>plastic corners</b>	36 pv /pallet Vertical corner sleeves	35 pv /pallet Vertical corner sleeves
<b>Loading method for full truck Euro trailer</b>		28 pallets 840 pv / truck Double stack With air bags	28 pallets 840 pv / truck Double stack With air bags	28 pallets 840 pv / truck Double stack	28 pallets 1008 pv / truck Double stack	28 pallets 980 pv / truck Double stack
<b>Unloading method</b>		With forklift ( <b>handle with high care</b> ) or Tail lift allowed if no double stack  <b>Unloading manually the PV from the truck is not appropriate (for safety reasons)</b> <b>Unloading the pallet from the top of the truck with a crane is forbidden (for safety reasons)</b>				
<b>Ground method</b>	<b>Pallet jack / Forklift</b>	Standard forks				
		Check beforehand the load capacity of the equipment able to carry the pallets weight Check the warning sign's color on the packaging when handling from the long side : red is the glass side <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>Not Glass Side</small>   </div> <div style="text-align: center;"> <small>Glass Side</small>   </div> </div>				

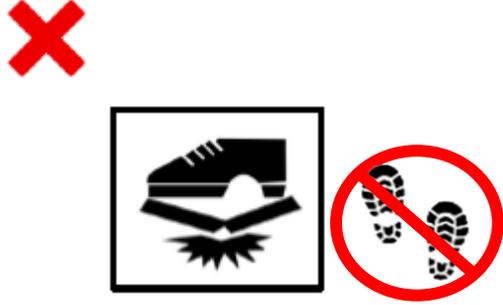
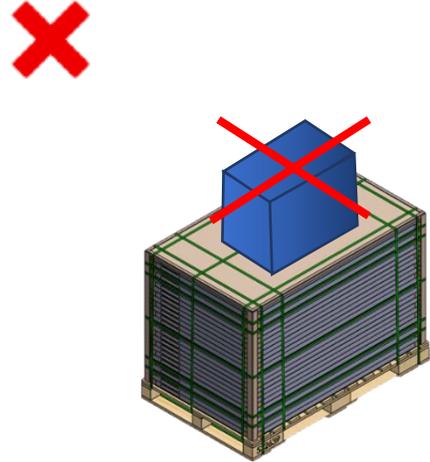
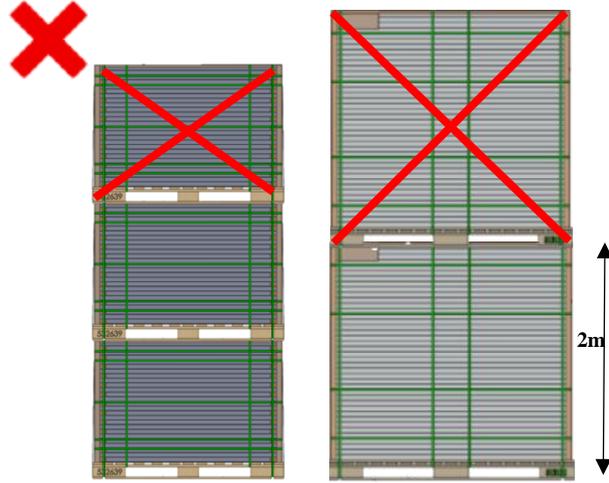
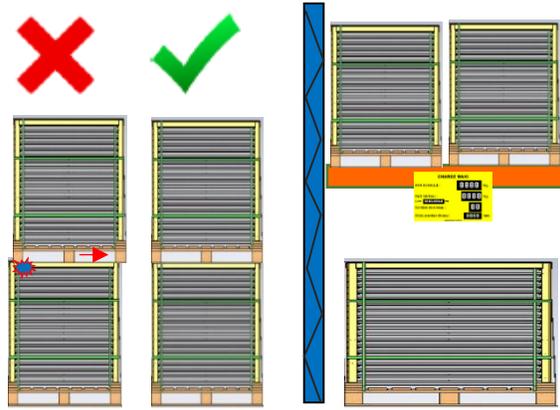
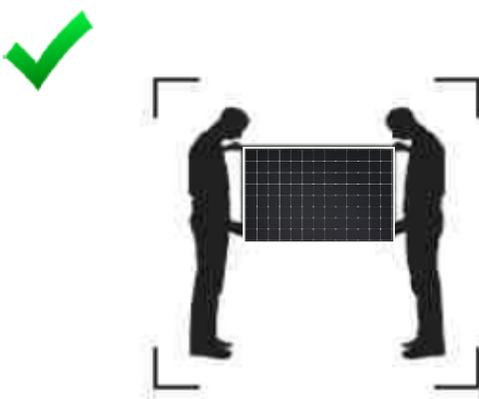
- For outdoor or indoor use: choose the appropriate handling machine depending on the site situation, the ground condition, the type of truck
- Handle the pallet and the modules with high care
- Unpack with care: do not cut the horizontal straps before ensuring there are at least 2 people for the operation.
- Horizontal repacking should be done with panels stacked sunny side down on a wooden pallet with adequate dimensions (for transport, it is recommended to stack no more than 11 modules for P3 RES-DC, P3 RES-AC and P6 RES-AC ; no more than 21 modules for P6 RES.
- Warning: for P3 RES-AC and P6 RES-AC, the micro inverter is higher than the frame height ; handle with high care; horizontal repacking should use 7mm spacers (for P3 RES -AC) or 15mm spacers (for P6 RES-AC) between modules stacked sunny side down.
- Double stacking during transportation can be done for some pallet type only if the pallets are properly secured with loading bars to avoid abrupt movements (air bags are mandatory for P3 pallets).

1.4- Performance line : Commercial

		P6 COM-XS 400-420W	P3 COM 405-420W	P6 COM-S-BF 485-510W
				
<b>Drawing</b>				
<b>Pallet dimension &amp; weight</b>		185x113x122 cm 790kg	210x113x114 cm 698kg	220x119x124 cm 1029kg
<b>Packaging method</b>		36 pv /pallet Vertical corner sleeves	30 pv /pallet Vertical corner sleeves	33 pv /pallet Vertical corner sleeves
<b>Loading method for full truck Euro trailer</b>		28 pallets 1008 pv / truck Double stack	24 pallets 720 pv / truck Double stack With air bags	22 pallets 726 pv / truck Double stack
<b>Unloading method</b>		With forklift (handle with high care) or Tail lift allowed if no double stack	With forklift (handle with high care) Tail lift forbidden	
		<b>Unloading manually the PV from the truck is not appropriate (for safety reasons)</b> <b>Unloading the pallet from the top of the truck with a crane is forbidden (for safety reasons)</b>		
<b>Ground method</b>	<b>Pallet jack / Forklift</b>	Standard forks	Long forks recommended if lifted through the short side	
		Check beforehand the load capacity of the equipment able to carry the pallets weight Check the warning sign's color on the packaging when handling from the long side : red is the glass side		
		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Not Glass Side</p>  </div> <div style="text-align: center;"> <p>Glass Side</p>  </div> </div>		

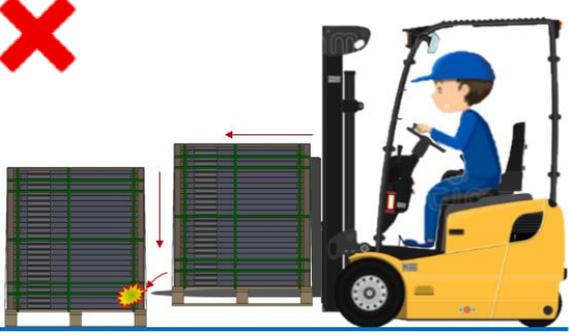
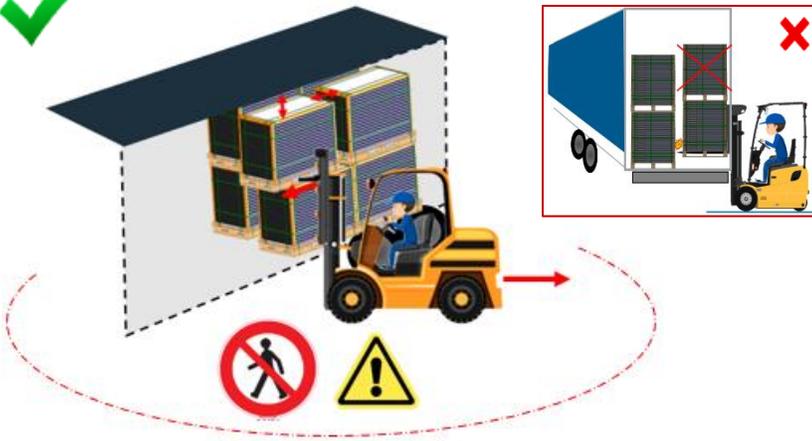
- For outdoor or indoor use: choose the appropriate handling machine depending on the site situation, the ground condition, the type of truck
- Handle the pallet and the modules with high care
- Unpack with care: do not cut the horizontal straps before ensuring there are at least 2 people for the operation.
- Horizontal repacking should be done with panels stacked sunny side down on a wooden pallet with adequate dimensions (for transport, it is recommended to stack no more than 11 modules for P3 COM; no more than 21 modules for P6 COM-XS and P6 COM-S)
- Double stacking during transportation can be done for same pallet type only if the pallets are properly secured with loading bars to avoid abrupt movements (air bags are mandatory for P3 pallets)

## 2- General rules for PV modules handling and storage

 <p>Solar modules must be handled and transported <b>with care</b> Packed modules have to be <b>protected from water</b> (moist cardboard can damage the glass of the module)</p>	 <p>Do not step on the pallet</p>
 <p>Do not stack other items on the PV pallet</p>	 <p>Triple stack is not allowed Double stack for 2 meters high pallets is not allowed</p>
 <p>-Pallets can be double-stacked only if they have been <u>correctly aligned</u> on one another, placed on the border frame and not pressed against the glass side</p> <p>-Pallets can be stored on high racks if the racking load is respected and the racking surface adapted to the pallet dimension</p>	 <p>Each module should be handled by two people with appropriate personal protection equipment (e.g. gloves)</p> <p>Pay attention not to scratch the other modules during the manual handling</p> <p>For performance series packaging, while removing the vertical panels from the box, ensure that someone maintains the remaining stack inside.</p>

### 3- Forklift handling precaution

#### USE FORKLIFT WITH HIGH CARE

 <p>Ensure the forks <b>do not extend</b> beyond the pallet, as this can cause damage to the next pallet</p>	 <p>Make sure <b>not to tilt the fork up</b> while going through the pallet, doing so may impact the back sheet of the bottom modules or just cut the strapping</p>
 <p>Ensure the backrest of the forklift does not hit the pallet</p>	 <ol style="list-style-type: none"> <li>1-Match the length of the forks with the width of the pallet so they do not go further than the pallet width.</li> <li>2-Keep the forks straight.</li> <li>3-Allow gap between backrest and the pallet or apply padding material on backrest</li> <li>4-Handle with care, considering the other pallets/ products around</li> </ol>
 <p>Double stack the pallet with care Gently place the top pallet on the border frame Ensure the forks do not hit the top module while taking them away</p>	<h4>DOUBLE STACK UNLOADING</h4>  <ol style="list-style-type: none"> <li>1-Make sure <b>NOBODY</b> is around while unloading the truck</li> <li>2-Make sure that there is enough space to unload</li> <li>3-Make sure the forks do not extend beyond the pallet (fig.X)</li> <li>4-Unload stacked pallets one by one. (fig.X)</li> <li>5-Shift horizontally the top pallet in order to make space with the pallet next to it.</li> <li>6-Lift the pallet <b>taking care not to hit the top of the truck</b> and drive in reverse. Do not turn the pallet halfway into the trailer: move back straight</li> <li>7-Put the pallet on the floor in a calm manner.</li> </ol>

#### 4- Delivery checks to be done by the consignee

**Please do not sign the delivery note before prior checks to the pallet.**

**Especially, look out for:**



**1-TOP PALLET**  
- Any footprints  
- Torn or drilled cover pad  
- Shattered glass



**2-SIDES**  
- Folded edge protector  
- Damaged corner pieces  
- Shifted module(s)



**3- WOOD PALLET**  
- Damaged wood corner piece  
- Damaged back pallet planks  
- Other significant damage



**4- MODULE FRAME (especially bottom)**  
- Deep scratches  
- Bent frame  
- Fork knock

In case of visible damage, write detailed remarks on the delivery note and take photos including of the original packaging (in the truck if possible and/or while unpacking the pallet) **Without these supporting items in case of module damage, your claim will not be valid.** In case of hidden damage, the claim cannot be charged to the carrier after **7 working days** from the delivery date.