# Packaging and Transport Information for Q Cells Solar Modules

## Scope of Delivery

**Scope of delivery**
- Solar modules in box (as described below)
- 1x delivery receipt with specifications of pallet numbers (box IDs)
- 1x safety information
- 1x packing list with Module ID numbers on each box

Measured module current-voltage parameters (“flashing list”) are sent parallel to the delivery via email.

**Handling units**
The smallest handling unit is a completely filled transport box, as described below. A partially filled transport box will only be sent in special cases after prior agreement (may involve additional costs).

## Technical Data Packaging / Stackability

<table>
<thead>
<tr>
<th>Box type</th>
<th>Corrugated container on wooden pallet, 120 cell modules in the version of 32 modules per pallet</th>
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</thead>
<tbody>
<tr>
<td>Outer dimensions (incl. pallet)</td>
<td>approx. 69.3 in × 45.3 in × 46.9 in (L 1760 mm × B 1150 mm × H 1190 mm)</td>
</tr>
<tr>
<td>Approx. tare weight</td>
<td>approx. 97 lbs (44 kg)</td>
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</tbody>
</table>

**Box outside view**

**Box inside view**

**Modules per box**
32

**Approx. gross weight (full box)**
approx. 1415 lbs (642 kg)

**Max. no. of stacked boxes for transport**
1 on 1 (batch of 2)

**Max. no. of stacked boxes for storage**
2 on 1 (batch of 3)

## Loading

**Typical truck loading**
(24 Tons; 13.60 × 2.40 × 2.60 m³)
30 pallets (14 × 2 lengthwise, 1 × 2 crosswise)
Maximum allowed volume

**Typical 40’ high cube container load**
(26 tons; 12.04 – 12.06 × 2.33 – 2.36 × 2.68 m³)
26 pallets (12 × 2 lengthwise, 1 × 2 crosswise)
Maximum allowed volume

**Truck specification and transit support**
Hanwha Q CELLS conducts pre-delivery check of all trucks. Generally, only trucks are approved for loading which are roadworthy and ready for operation. Hanwha Q CELLS loads, stores and secures the goods safe for transport. The carrier must approve of the safe storage. The load securing complies to the state of the art in accordance with the respective legal regulations (e.g. Road Traffic Act). The carrier must provide appropriate tools for securing the load. Trucks without appropriate equipment to secure the load will not be loaded and will be prohibited to transport the modules. For ecological reasons, Hanwha Q CELLS always aspires a complete loading of the truck.

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