

Handling Information

CIGS SOLAR MODULES

Packaging and transport information for
Q.SMART · Q.SMART UF · Q.SMART UF L





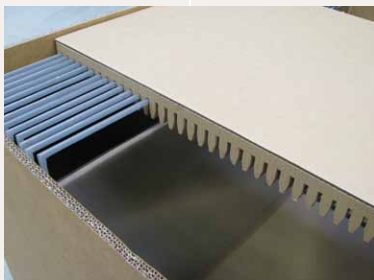

PACKAGING AND TRANSPORT INFORMATION


Q-CELLS CIGS THIN-FILM SOLAR MODULES

SCOPE OF DELIVERY

Scope of delivery	<ul style="list-style-type: none"> Solar modules in Box (as described below) 1x packing list with Module ID numbers on each box 1x delivery receipt with specifications of handling unit numbers (box IDs) 1x safety information <p>Measured module current-voltage parameters ("flasher list") are sent parallel to the delivery per email.</p>
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 cost).

MODULTYP

Module	Q.SMART (FRAMED)	Q.SMART UF (UN-FRAMED)	Q.SMART UF L (UNFRAMED)	Q.SMART UF L (UNFRAMED)
Box type	Cardboard container with comb system on a wooden pallette (Thimm)			Cardboard container with comb system on a wooden pallette (ILMPack)
Measurements (incl. pallet)	L 1,340 mm × W 1,139 mm × H 855 mm	L 1,340 mm × W 1,139 mm × H 855 mm	L 1,313 mm × W 1,131 mm × H 1,016 mm	L 1,360 mm × W 1,150 mm × H 1,015 mm
Approx. empty weight	ca. 38 kg	ca. 42 kg	ca. 44 kg	ca. 54 kg
Box outside view				
Box inside view				
Modules per box	26	44	44	44
Approx. gross weight (full box)	415 kg	623 kg	770 kg	780 kg
Handling of cargo	Do not stack!			
Maximum no. of stacked boxes for transport	1 on 1 (batch of 2)			
Maximum no. of stacked boxes for storage	3 on 1 (batch 4)	3 on 1 (batch 4)	2 on 1 (batch of 3)	2 on 1 (batch of 3)

LOADING				
Module	Q.SMART (FRAMED)	Q.SMART UF (UN-FRAMED)	Q.SMART UF L (UNFRAMED)	Q.SMART UF L (UNFRAMED)
Box type	Cardboard container with comb system on a wooden palette (Thimm)			Cardboard container with comb system on a wooden palette (ILMPack)
Typical lorry loading (24 Tons) Inner dimensions:: 13.6 × 2.4 × 2.2 m³	40 (2 × 10 + 2 × 10) maximum allowed weight	38 (2 × 10 + 2 × 9) maximum allowed weight	30 (2 × 10 + 1 × 10) maximum allowed weight	30 (2 × 10 + 1 × 10) maximum allowed weight
Typical 20-foot-container-load (21 Tons) Inner dimensions: 6,058 × 2,438 × 2,591 m³	16 (2 × 4 + 2 × 4) maximum allowed volume			
Typical 40-foot-container-load (26 Tons) Inner dimensions: 12,192 × 2,438 × 2,591 m³	36 (2 × 9 + 2 × 9) maximum allowed volume	36 (2 × 9 + 2 × 9) maximum allowed volume	33 (2 × 9 + 2 × 7 + 1) maximum allowed weight	33 (2 × 9 + 2 × 7 + 1) maximum allowed weight
Lorry specifications and transit support				<p>Q-Cells conducts pre-delivery check of all lorries. Generally, only lorries are approved for loading which are roadworthy and ready for operation. Q-Cells loads, stores and fastens the goods safe for transport. The carrier must approve of the safe storage.</p> <p>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. Lorries without appropriate equipment to secure the load will not be loaded and will be prohibited to transport the modules. For ecological reasons, Q-Cells always aspires a complete loading of the lorry.</p>

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