

CHN140-60M Monocrystalline Silicon Solar Panel

EFFICIENCY

- ✓ Low voltage-temperature coefficient allows higher Power output at high-temperature condition
- ✓ High efficient, high reliable solar cells ensure our Product meets output stability.

MATERIALS

- ✓ Advanced EVA encapsulation system with Triple-layer back sheet meets the most stringent safety requirements for high-voltage Operation.
- ✓ The sturdy, anodized aluminium frame allows The modules to be mounted on a variety of standard Racking systems to withstand harshest of European conditions
- ✓ Ultra reliable bypass diodes prevent damage through Overheating due to shaded or defective cells.
- ✓ Innovative, environmentally friendly packing method Using pile-edges insures modules arrive in perfect Condition.
- ✓ New frame design incorporating Drainage holes, with more grounding holes, provide Flexible installation and use

BENEFITS

- ✓ Manufactured IEC61215, IEC61730, ISO 9001:2008 MCS, TUV, CE
- ✓ High efficiency, high safety, high reliability
- ✓ Output power tolerance of -3%-**+3 %**
- ✓ 10 years Fully Backed UK Insurance Product Warranty.
- ✓ Standard 25-years Limited warranty on Power output, 5-years Product Warranty. Limited warranty on materials and workmanship
- ✓ Container load: 560 pcs on 28 pallets in 40' container and 240 pcs on 12 pallets in 20' container.

NOTE

This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: www.solareuropa.co.uk





MC4 Compatible





Kite	emark [®] Licence
No. KM 561593	
The British Standards Institution Aveal	iv prests to
Solar Europa Ltd Solar House 1 The Cateway Fryers Way Wakafiald Washfald With Yorkshire With 91J United Kingdom	
in respect of	
Crystalline silicon terrestrial pho	tovoltaic (PV) modules
Annes in this Licence shall have the col	n respect of the Product(s) detailed on this Licence provided at or trans
David W. Ford, Executive Director, Her	
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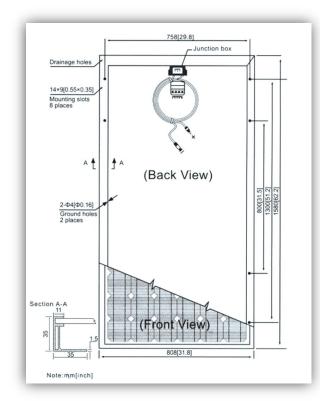


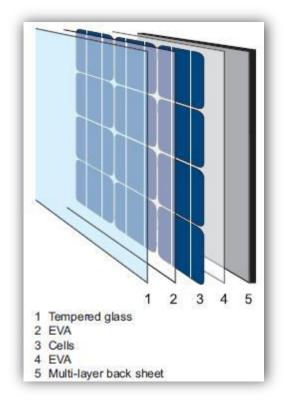
Solar House, 1 The Gateway, Wakefield West Yorkshire WF5 9TJ U.K

Module Characteristics:

Note: the specifications are obtained under the Standard Test Conditions (STC):1000W/ m^2 solar irradiance, 1.5 Air Mass, and cell temperature of 25Degrees C

Specification	Module		
Model Characteristics	CHN140-60M		
Open Circuit Voltage [VOC]	36.80V		
Optimum Operating Voltage [VMP]	30.20V		
Short Circuit Current [ISC]	5.03A		
Optimum Operating Current [IMP]	4.64A		
Maximum Power at STC (pm)	140W		
	Monocrystalline Silicon Solar Cells		
Cell	125mm x 125mm		
No Of Cells & Connections	60(6x10)		
Dimensions of Module(mm)	1320x808x30		
Weight	13.5kg		
Limits			
Operating Temperature	-40 to +85Degrees C		
Maximum Operating Temperature	1000 V DC		
Temperature & Coefficients			
NOCT (nominal operating cell temperature)	45 Degrees C + - 2 Degrees C		
Current Temperature Coefficient	% / k	0.06 + - 0.01	
Voltage Temperature Coefficient	Mv / k	-(155 + - 10)	
Power Temperature Coefficient	% / k	-(0.5 + - 0.05)	
Output			
Type of Output Terminal	Junction Box		
Cable	LAPP(4.0mm ²)		
Symmetrical Length		900mm	
Connection	Type 1V		







Packaging Method for Bulk Order



