

CHN160-72M 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.

MC4 Compatible



NOTE

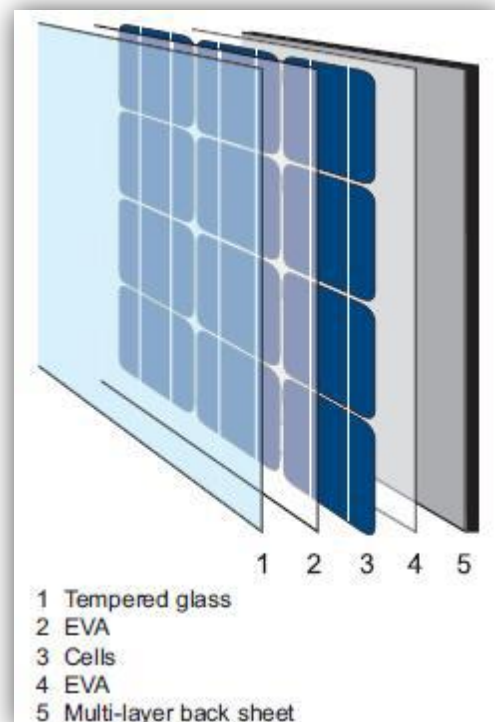
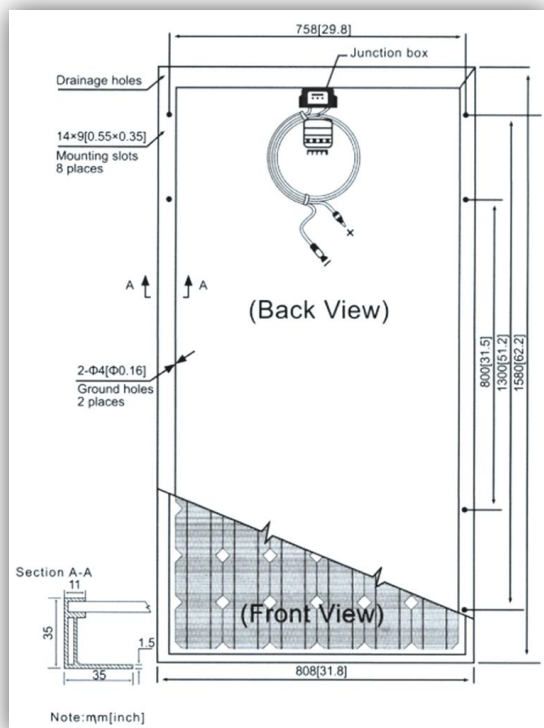
This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: www.solareuropa.co.uk



Module Characteristics:

Note: the specifications are obtained under the Standard Test Conditions (STC): 1000W/ m² solar irradiance, 1.5 Air Mass, and cell temperature of 25Degrees C

Specification	Module	
Model Characteristics	CHN160-72M	
Open Circuit Voltage [VOC]	44.60V	
Optimum Operating Voltage [VMP]	36.00V	
Short Circuit Current [ISC]	4.95A	
Optimum Operating Current [IMP]	4.48A	
Maximum Power at STC (pm)	160W	
Cell	Monocrystalline Silicon Solar Cells 125mm x 125mm	
No Of Cells & Connections	72(6x12)	
Dimensions of Module(mm)	1580x808x40	
Weight	16kg	
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

