

CHN230-60P Polycrystalline 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 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

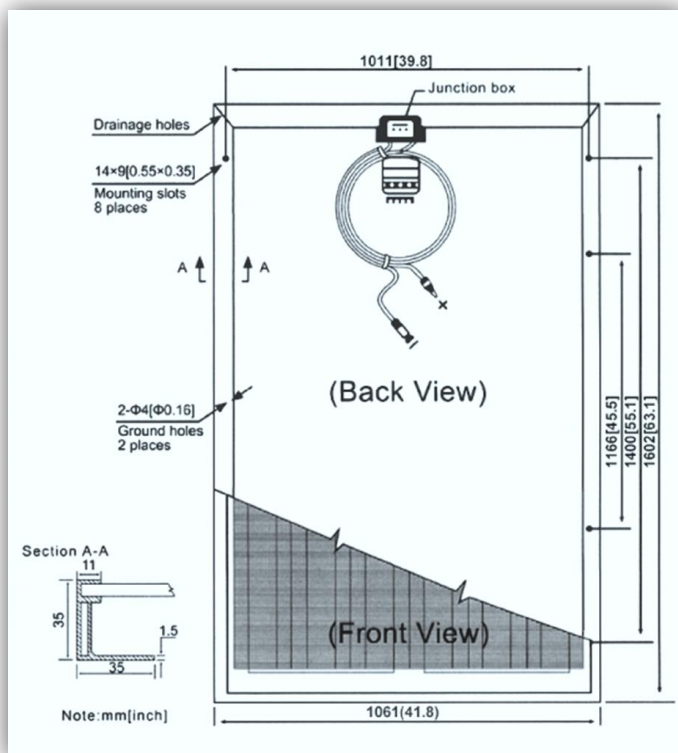
This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: www.solareuropa.co.uk



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	CHN230-60P	
Open Circuit Voltage [VOC]	36.90V	
Optimum Operating Voltage [VMP]	30.20V	
Short Circuit Current [ISC]	8.31A	
Optimum Operating Current [IMP]	7.62A	
Maximum Power at STC (pm)	230W	
Cell	Polycrystalline Silicon Solar Cells 156mm x 156mm	
No Of Cells & Connections	60(6x10)	
Dimensions of Module(mm)	1640x990x40	
Weight	19kg	
Limits	-40 to +45Degrees C	
Operating Temperature		
Maximum Operating Temperature	1000 V DC	
Temperature & Coefficients	25 Degrees C + - 2 Degrees C	
NOCT (nominal operating cell temperature)		
Current Temperature Coefficient	% / k	0.06 + - 0.01
Voltage Temperature Coefficient	Mv / k	-(155 + - 10)
Power Temperature Coefficient	% / k	-(0.4 + - 0.05)
Output	Junction Box	
Type of Output Terminal	LAPP(4.0mm ²)	
Cable	900mm	
Symmetrical Length	Type 1V	
Connection		



Packaging Method for Bulk Order

