

## CHN225-60P 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 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

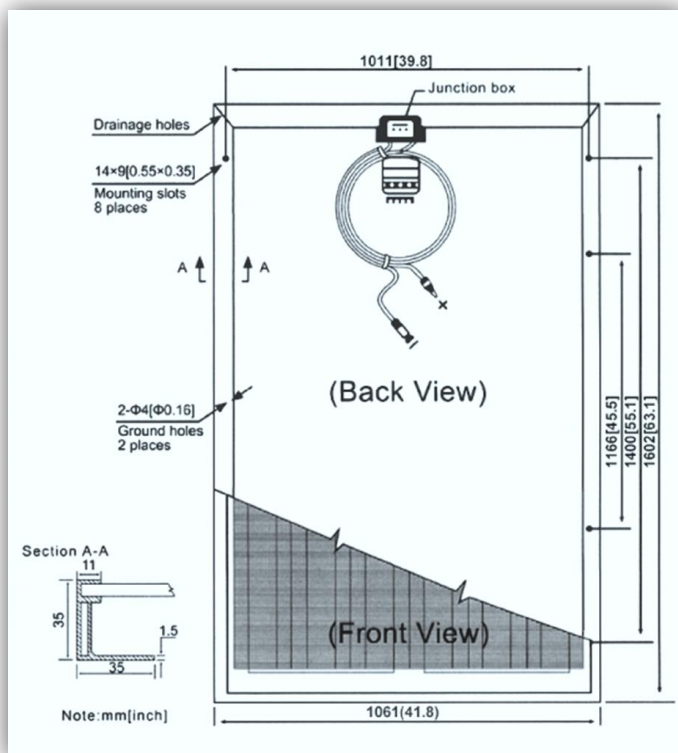
This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: [www.solareuropa.co.uk](http://www.solareuropa.co.uk)



### Module Characteristics:

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

Specification	Module
<b>Model Characteristics</b>	<b>CHN225-60P</b>
Open Circuit Voltage [VOC]	36.50V
Optimum Operating Voltage [VMP]	29.80V
Short Circuit Current [ISC]	8.25A
Optimum Operating Current [IMP]	7.55A
Maximum Power at STC (pm)	225W
<b>Cell</b>	<b>Polycrystalline Silicon Solar Cells 156mm x 156mm</b>
No Of Cells & Connections	60(6x10)
Dimensions of Module(mm)	1640x990x40
Weight	19kg
<b>Limits</b>	<b>-40 to +45Degrees C</b>
Operating Temperature	
Maximum Operating Temperature	1000 V DC
<b>Temperature &amp; Coefficients</b>	<b>25 Degrees C + - 2 Degrees C</b>
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)
<b>Output</b>	<b>Junction Box</b>
Type of Output Terminal	
Cable	LAPP(4.0mm <sup>2</sup> )
Symmetrical Length	900mm
Connection	Type 1V



### Packaging Method for Bulk Order

