

## CHN210-96M 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

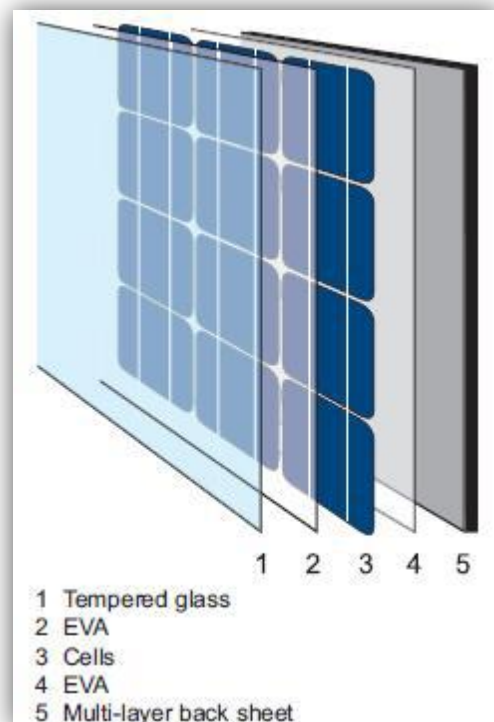
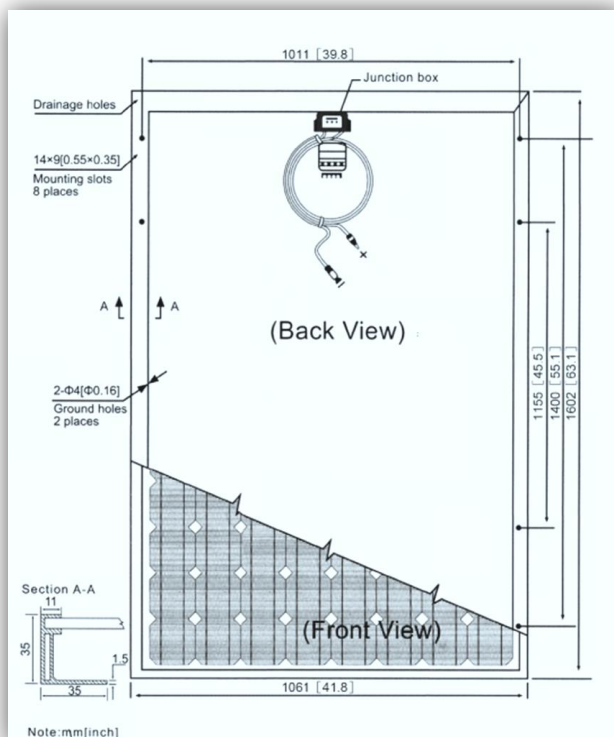
This publication summarizes product warranty and specifications, which are subject to change without notice, additional information may be found on our web site: [www.solareuropa.co.uk](http://www.solareuropa.co.uk)



### 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>CHN210-96M</b>
Open Circuit Voltage [VOC]	57.70V
Optimum Operating Voltage [VMP]	47.00V
Short Circuit Current [ISC]	4.84A
Optimum Operating Current [IMP]	4.46A
Maximum Power at STC (pm)	210W
<b>Cell</b>	<b>Monocrystalline Silicon Solar Cells 125mm x 125mm</b>
No Of Cells & Connections	96(8x12)
Dimensions of Module(mm)	1580x1062x50
Weight	20kg
<b>Limits</b>	
Operating Temperature	-40 to +85Degrees C
Maximum Operating Temperature	1000 V DC
<b>Temperature &amp; Coefficients</b>	
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)
<b>Output</b>	
Type of Output Terminal	Junction Box
Cable	LAPP(4.0mm <sup>2</sup> )
Symmetrical Length	900mm
Connection	Type 1V



### **Packaging Method for Bulk Order**

