



TRUE ECO-NOMY

Amorphous Silicon Solar Modules

SUNGEN SG-NH-TF Series 85W/90W/95W



Product Features

High performance and energy yield photovoltaic modules made of amorphous silicon.

Integrated bypass diode in the junction box reduces the power loss effect in a string caused by events such as shading.

EVA film with high quality TCO glass.

Module is glass to glass laminated.

Water-protected connector system, easy for installation.

Quality and Safety

Product warranty: Free from defects in material and workmanship for 2 years.

Power warranty: Maintain more than 80% minimum rated power for 20 years.

According to IEC 61646.

According to IEC 61730.

According to UL 1703.

Applications

On-grid PV Systems.

Off-grid PV Systems.

Residential Roof Top Systems.

Commercial Roof Top Systems.

Ground Installations.

(Please read the SUNGEN installation guide book for the step-by-step installation guidelines.)



Version:201005



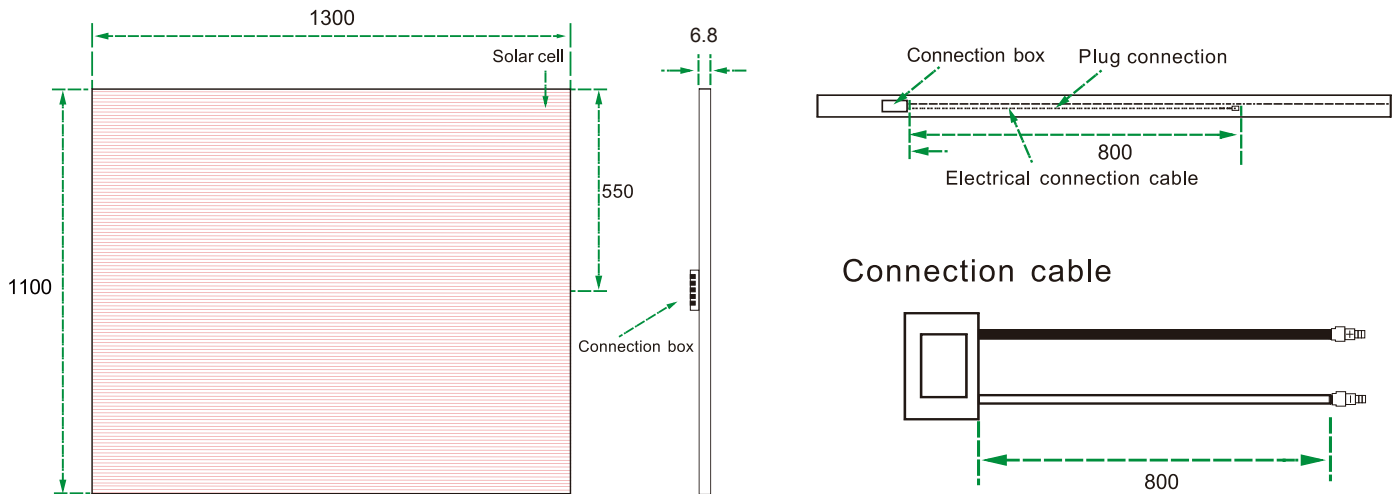
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Characteristics

Model	SG-NH85-TF	SG-NH90-TF	SG-NH95-TF
Maximum Power (Pm)	85W	90W	95W
Maximum Power Voltage (Vmp)	98V	100V	102V
Maximum Power Current (Imp)	0.87A	0.90A	0.93A
Open Circuit Voltage (Voc)	135V	136V	138V
Short Circuit Current (Isc)	1.12A	1.14A	1.17A
Temperature Coefficient of Pm		-0.269%/K	
Temperature Coefficient of Voc		-0.286%/K	
Temperature Coefficient of Isc		+0.079%/K	
Maximum System Voltage		1000VDC (IEC) / 600VDC (UL)	
Fixture		None	
Dimensions	1300mm×1100mm×6.8mm (51.18inches×43.31inches×0.30inches)		
Weight	24kg (52.9lbs)		
Operating Temperature	-40°C ~+85°C (-40°F~+185°F)		
Maximum System Voltage	2,400N/m ² (50psf)		

Standard Test Conditions: Irradiance 1000W/m², Spectrum AM1.5 at 25°C, Voc or Isc can be customized.
 The output power and all electrical ratings will have tolerance of ±5% and ±10% respectively.

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