

# SOL-SYS3W

# High Efficiency, High Quality PV Module



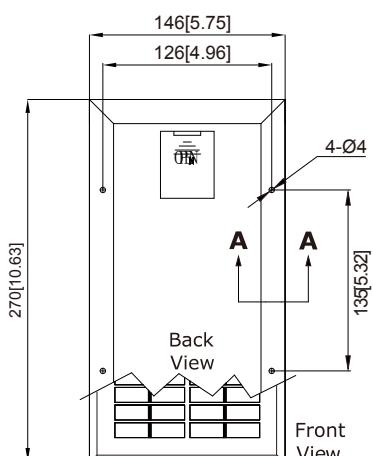
## Electrical Characteristics

SOL-SYS3W	
Maximum power (Pmax)	3W
Voltage at Pmax (Vmp)	18.3V
Current at Pmax (Imp)	0.17A
Open-circuit voltage (Voc)	23.2V
Short-circuit current (Isc)	0.18A
Temperature coefficient of Voc	-(0.40 ± 0.05)%/ °C
Temperature coefficient of Isc	(0.065 ± 0.01)% /°C
Temperature coefficient of power	-(0.5±0.05)%/ °C
NOCT (Air 20°C; Sun 0.8kW/m <sup>2</sup> wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	600V DC
Power tolerance	+ 3%
Cells	multicrystalline silicon solar cell
No. of cells and connections	18(2X9)
Module Dimension	270mm[10.63in.]x146mm[5.75in.]x18mm[0.71in.]
Weight	0.54kg[1.19lbs]

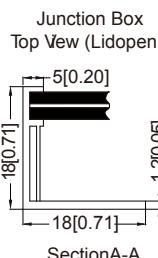
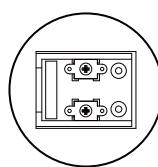
\* STC:Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C

\* Specifications are subject to change without notice at any time.

## Module Diagram

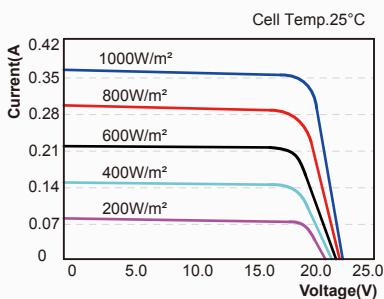


Dimensions in brackets are in inches.  
Un-bracketed dimensions are in millimeters.  
Unit:mm

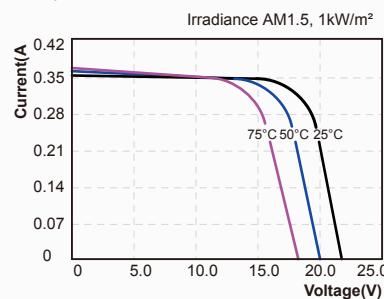


## I-V Curves

I-V Curves of PV module SOL-SYS3W



I-V Curves of PV module SOL-SYS3W at various cell temperatures



### Key Features:

- High module efficiency and stable power output
- Based on leading process technology
- Outstanding electrical performance under high temperature conditions or low irradiance conditions
- Easy of installation and all-weather applications
- 5 years product warranty(materials and workmanship)
- 20 years module power output warranty
- Peak power of single module is guaranteed in +3% power tolerance
- Strong framed module,passing loaded test of 5400 Pa (IEC61215 2nd)
- The manufacturer is certified for ISO 9001:2000

### Product's Guarantee

- 5 years products life warranty
- 15 years module power output no less 90%
- 20 years module power output no less 80%

### Applications

- Of grid residential roof-tops
- Of grid commercial/industrial roof-tops
- Rural area applications
- Solar power system
- Other off-grid applications



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