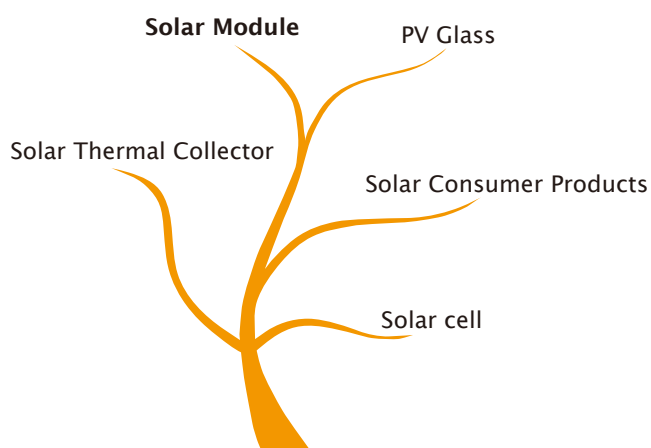


# TPS-107 S -160 W 160W Poly Crystalline Solar Module



## Not Your Average Solar Provider

### Our Products Categories



Professional Solar Provider Since 1992

## Key Feature

Power tolerance:  $\pm 5\%$

Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust

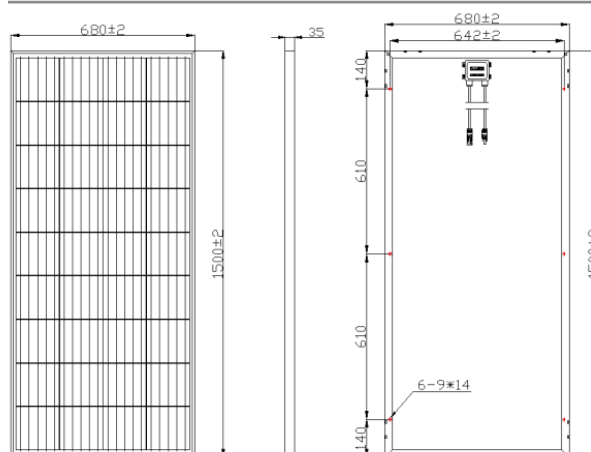
Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

## Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- 100%EL double-inspection ensures modules are defects free

DEALER INFORMATION BOX

## Electrical Characteristics



### MECHANICAL SPECIFICATION

Cell Type	Poly crystalline 158.75×158.75mm
Number of cells	36pcs
Dimensions(A×B×C)	680×1500×35mm
Front Glass	3.2mm Low iron tempered glass
Frame	Anodized aluminum alloy
Connector	MC4 PLUG
Output Cables	Length 0.9m

### PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m<sup>2</sup>,25°C,AM1.5)

Module Series	TPS-107S(72)-160W
Maximum Power at STC(Pmax)	160W
Open Circuit Voltage(Voc)	22.96V
Short Circuit Current(Isc)	8.96A
Maximum Power Voltage(Vmp)	18.97V
Maximum Power Current(Imp)	8.43A

### ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to +85
Storage temperature	°C	-40 to +85

### TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	44±2°C
Temperature Coefficient of Pmax (γ)	-0.41%/K
Temperature Coefficient of Voc (β)	-0.32%/K
Temperature Coefficient of Isc (α)	0.05%/K

NOTE:READ SAFETY AND INSTALLATION INSTRUCTIONS OR CONTACT THE TECHNICAL SERVICE FOR FURTHER INFORMATION BEFORE USING THE PRODUCT.  
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