

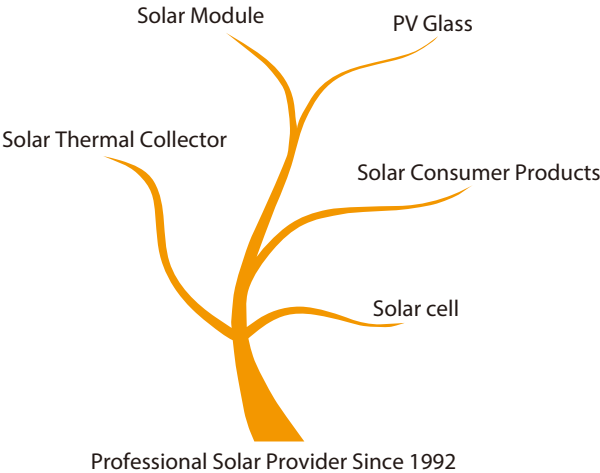
TPS-107 S -160 W

160W
Poly Crystalline Solar Module



Not Your Average Solar Provider

Our Products Categories

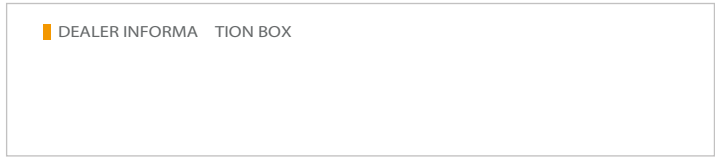


Key Feature

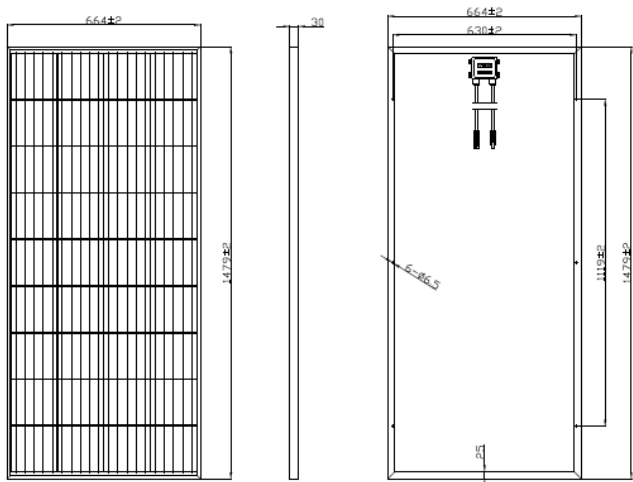
- Power tolerance:±5%
- Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust
- Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity

Best Quality

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



Electrical Characteristics



MECHANICAL SPECIFICATION

Cell Type	Poly crystalline 157.3x157.3MM
Number of cells	36pcs
Dimensions(A×B×C)	664×1479×30mm
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/m²,25°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 ±°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