

Solar Panel Technical Specification

Mono crystalline Module Models

SN-300W-60

Electrical Specifications

*STC: Irradiance 1000W/, AM1.5m² spectrum, module temperature 25°C

Model type	SN-300W-60
Peak power(max)	300
Cell Efficiency	17.46%
Maximum power voltage (Vmp)	30V
Maximum power current (Imp)	10A
Open circuit voltage (Voc)	37.2V
Short circuit current (Isc)	10.8A
Power Tolerance	±3%
Maximum system voltage	1000v
Series fuse rating (A)	12
Number of bypass diode	3/6

Temperature Coefficients

Current Temperature Coefficient α(Isc)	0.03%/°C
Voltage Temperature Coefficient β(Voc)	-0.32%/°C
Power Temperature Coefficient	-0.42%/°C
Nominal Temperature of Cells(NOTC)	46±2°C
Application Temperature Range	-40-+85°C

Mechanical Characteristics

Dimensions:	1640x 990x 40mm
Weight:	18.0kg
Solar Cells:	60 cells in series (6x 10) 300w
Construction:	High-transmission low-iron tempered glass, EVA, TPT/TPE
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

Output

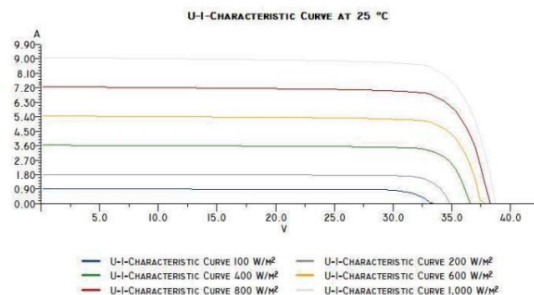
Cable	LAPP (4 mm ²)
Lengths	900mm (-) and 900mm(+)
Connector	MC Plug Type IV

Note: This publication summarizes product warranty and Specifications which are subject to change without notice

Product photos are for reference only, on behalf of actual product.



Module Diagram



Electrical Performance