



SHS135W-150W P

Polycrystalline



- High conversion efficiency
High module efficiency to guarantee power output.
- Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.
- Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.
- Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

0 to +5W 0 to +5W positive tolerance
Detailed information in Electrical Specifications.

48 48-hour response service

25 25-year performance warranty

10 10-year warranty on materials and workmanship

ALL SPECIFIED PARAMETERS ARE AT STC 25°C AMBIENT, 1000W/M² IRRADIANCE AND AM 1.5

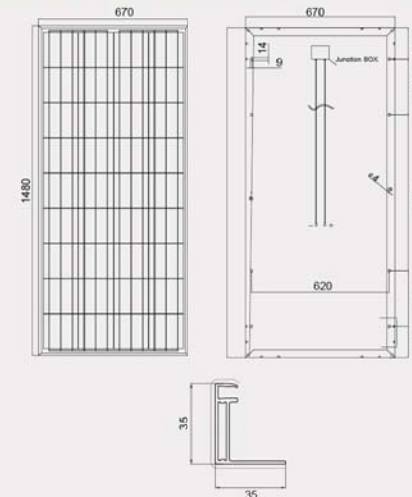
ELECTRICAL SPECIFICATIONS

Model Type	SHS135-36P	SHS140-36P	SHS145-36P	SHS150-36P
Max Power	135W	140W	145W	150W
Power Tolerance	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage (Vmp)	17.8	17.9	18	18.1
Max-Power Current (Imp)	7.61	7.85	8.09	8.33
Open Circuit Voltage (Voc)	22.1	22.2	22.3	22.4
Short Circuit Current (Isc)	8.21	8.41	8.62	8.82
Cell Efficiency (%)	15.9	16.5	17.1	17.6
Module Efficiency (%)	13.5	14	14.5	15
Max-System Voltage (VDC)	1000			
Max Series Fuse Rating (A)	15			
Pmax Temperature Coefficient (%/°C)	-0.47			
Voc Temperature Coefficient (%/°C)	-0.34			
Isc Temperature Coefficient (%/°C)	0.045			
Nominal Operating Cell Temperature (NOCT)	45±2°C			
Operating Temperature	-40~+85°C			

MECHANICAL SPECIFICATIONS

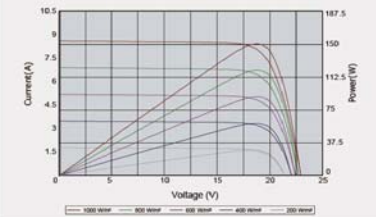
External Dimensions	1480*670*35 mm
Weight	12 Kg
Solar Cell	Polycrystalline 156x156mm (36pcs)
Front glass	3.2mm tempered glass, low iron
Frame	Anodized/Electrophoretic aluminum alloy
Junction Box	IP65/67 rated
Output Cabel	4.0mm ² symmetrical lengths 900mm
Connector	MC4 Compatible

PHYSICAL CHARACTERISTICS Unit:mm (inch)

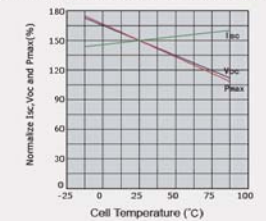


ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curve (AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax

