

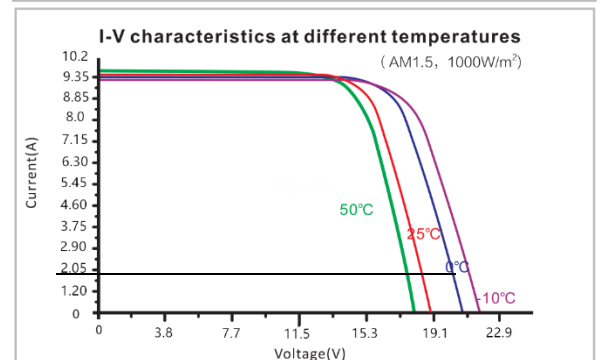
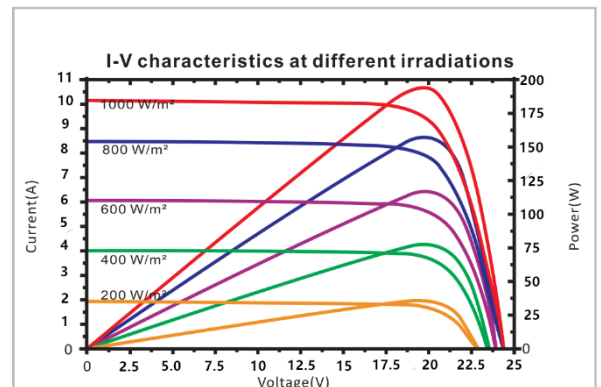
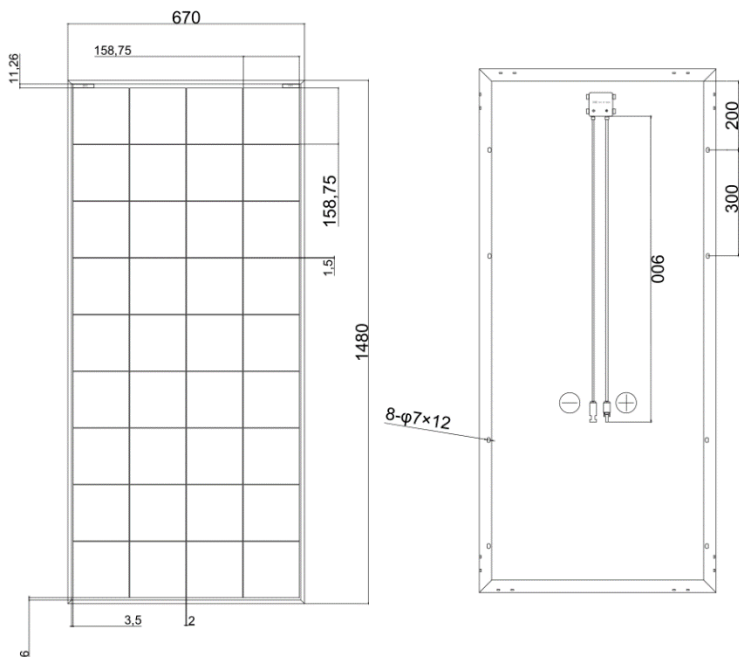
Electrical characteristics

Product code	Eco Line ES180M36
Maximum power (Pmax)	180Wp
Voltage at Pmax (Vmp)	19.1V
Current at Pmax (Imp)	9.43A
Open-circuit voltage (Voc)	23.2V
Short-circuit current (Isc)	9.99A
Temperature coefficient of Voc	-0.36%/K
Temperature coefficient of Isc	0.04%/K
Temperature coefficient of power	-0.36%/K
Normal operating cell temperature	44±2°C
Operating temperature	-40~+85
Maximum system voltage	1000VDC
Power tolerance	0 (0) ~+3%

*Measured at standard test conditions: irradiance 1,000 W/m², air mass 1.5 spectrum, temperature 25°C

Electrical parameters may vary by -5% to +5%

Module diagram



Specifications

Cells	36 (4×9)
Junction box	Water proof IP68, 1000VDC
Module dimension (mm)	1480×670×35
Weight (kg)	10.9
Number of bypass diodes & type	2 pcs bypass diodes
Packing information	1 pcs/ctn

