WEG Solar

Datasheet

130Wp — 135Wp

Monocrystalline solar PV module

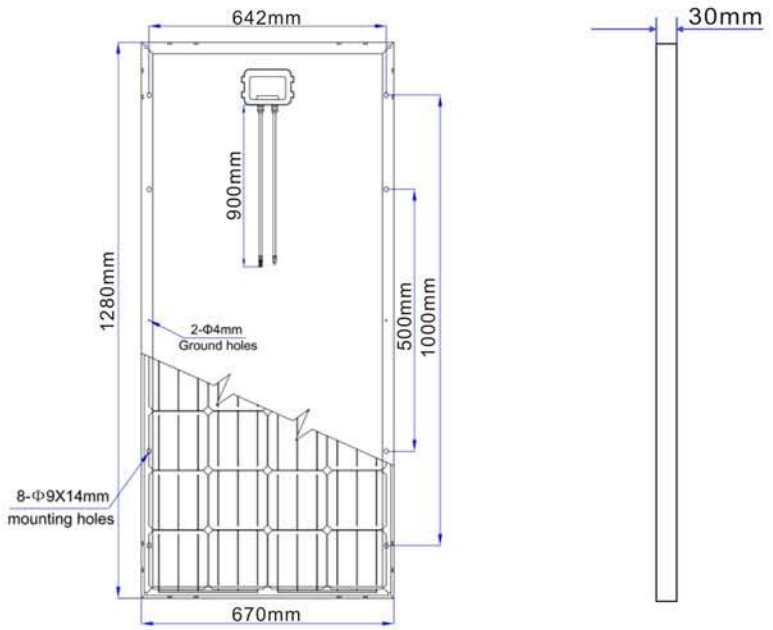
Model Number	SN-M130	SN-M135
Maximum Power (pmax)	130Wp	135Wp
Optimum Operating Voltage/Vmp	18.0V	18.0V
Optimum Operating Current/Imp	7.22A	7.5A
Open Circuit Voltage /Voc	21.6V	21.6V
Short Circuit Current /Isc	7.42A	7.7A
Module Efficiency	15.2%	15.7%
Power Tolerance (%)	±3	
Maximum Series Fuse Rating	15A	
Maximum system voltage	1000 V DC	

Maximum Data		
Operating Temperature	-40℃~+80℃	℃
Storage temperature	from-40℃~+80℃	℃
Instulation cut voltage	1000	DC
Maximum wind resistance	60m/s	N/㎡or max Km/h
Surface maximum load capacity	200	Kg/㎡
Maximum hail load capacity	25mm	80km/h

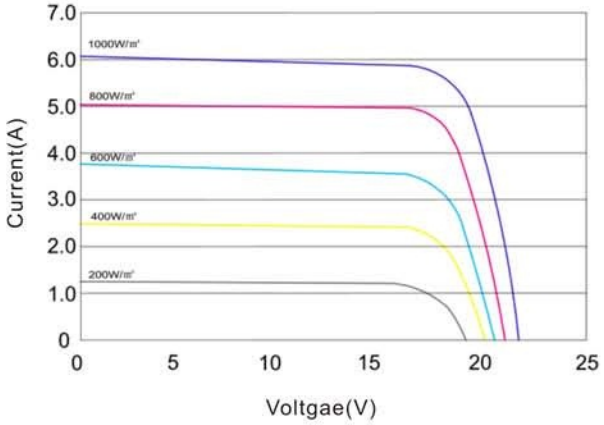
EFFICIENCY

- Low voltage-temperature coefficient allows higher power output at high-temperature condition
- High efficient, high reliable solar cells ensure our product output stability

Physical Characteristics



I-V Curve



Laminating Data

Cell dimension (mm)	156 x 134
Dimensions (mm)	670x1280x30
Number of cells	36(4*9)
Weight	12.7Kg
Frame Material	Clear anodized aluminium frame
Thickness of glass	3.2 mm tempered glass
Frame	Anodized aluminum alloy
Laminating material	EVA
Backsheet material	TPT
Junction Box	Ip65

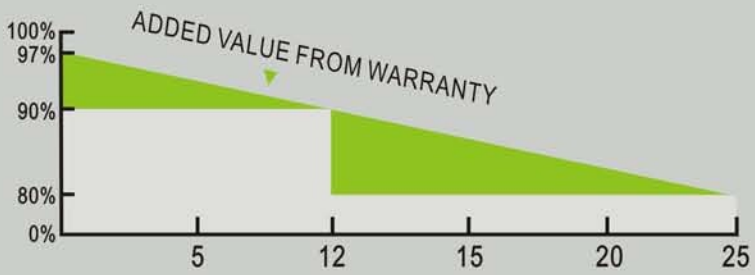
STC

AM condition	AM1.5
Intensity of illumiantion	1000W/m²
temperature	25℃

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2℃
Temperature Coefficient of Pmax	-0.45%/℃
Temperature Coefficient of Voc	-0.34%/℃
Temperature Coefficient of Isc	0.050%/℃

Superior Warranty



10 **10-years Manufacturing warranty.**

12 **12-years warranty 90% power output.**

25 **25-years warranty 80% power output.**