

Electrical Characteristics

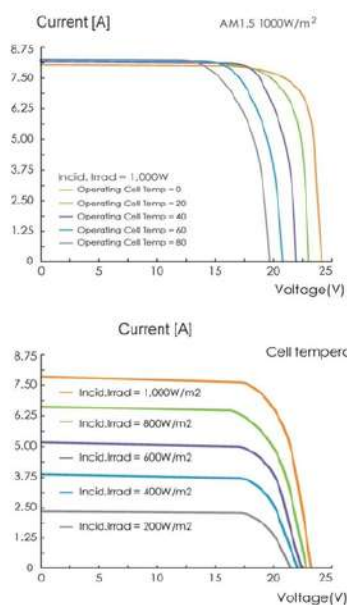
Poly-Crystalline Module (MXM170P-36)

Nominal Output (Pmpp)	W	170
Open Circuit Voltage(Voc)	V	23.98
Short Circuit Current (Isc)	A	8.97
Voltage at Pmax (Vmpp)	V	20.96
Current at Pmax (Impp)	A	8.12
Cell Type	-	Poly-Crystalline Silicon
Maximum System Voltage	VDC	1000VDC
Temperature Coefficient of Pmax	%/°C	-0.38
Temperature Coefficient of Voc	%/°C	-0.31
Temperature Coefficient of Isc	%/°C	0.06

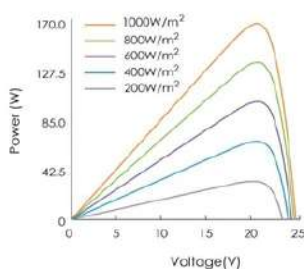
Mechanical Characteristics

Dimensions	1,552 × 678 × 30 (mm) (L × W × H)	Nominal Operating Cell Temperature	45±2°C
Weight	11.0(kg)	Operating Temperature	-40°C~+85°C
Solar Cells	36 cells, Poly-Crystalline Silicon	Maximum System Voltage	1000VDC
Output Cables	Length 1,000mm, 1×2.5mm ²	Maximum Surface Load Capacity	Front 5,400 Pa Rear 2,400 Pa
Junction Box	Rated current: 8A, IP65, TUV&UL		
Construction	Front Glass: Pattern glass, 3.2mm Encapsulation: EVA (Ethylene-Vinyl-Acetate)		
Frame	Anodized Aluminum		

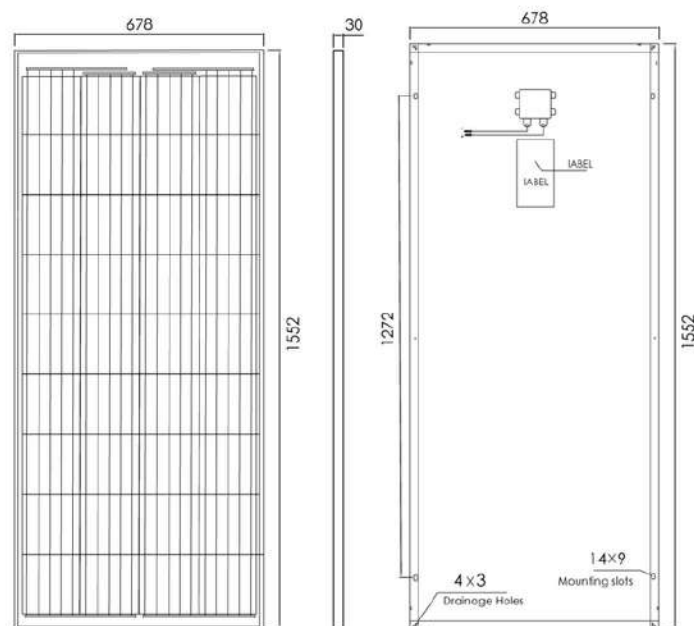
I-V Curves



P-V Curve



Module Diagram (Unit: mm)



Installation Safety Guide

- Only qualified personnel should install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

All data at STC(Standard Test Conditions).
Above data may be changed without prior notice.
Tolerance of Pmax:0~+3W.

