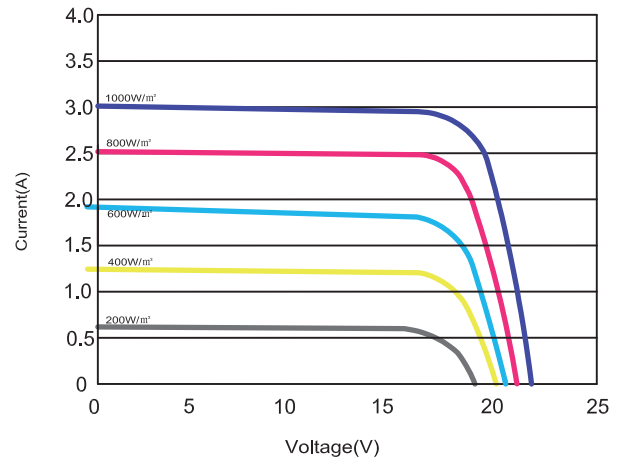
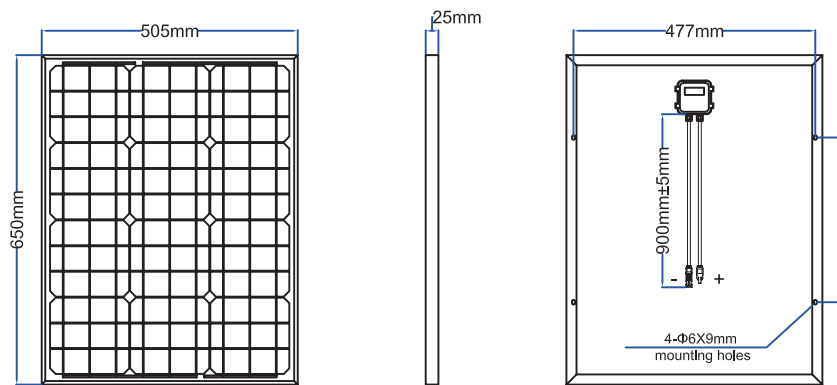




Characteristics



Module Diagram



Electrical Characteristics

Electrical Characteristics	
Product code	MESM-50W
Maximum power (Pmax)	50W
Voltage at Pmax (Vmp)	17.8
Current at Pmax (Imp)	2.81
Open-circuit voltage (Voc)	22.3
Short-circuit current (Isc)	3.03
Power temperature coefficient	-0.41%/°C
Voltage temperature coefficient	-0.31%/°C
Current temperature coefficient	+0.05%/°C
Cells Efficiency (%)	18.43%
The maximum system voltage	600VDC (IEC)
Output power tolerance	±3%

Specifications

Cells	Germany A grade Solarworld solar cell
No. of cells and connections	36 (3X12)
Module dimension	650*505*25mm
Weight	3.7KG
Certification	CE, RoHS, ISO