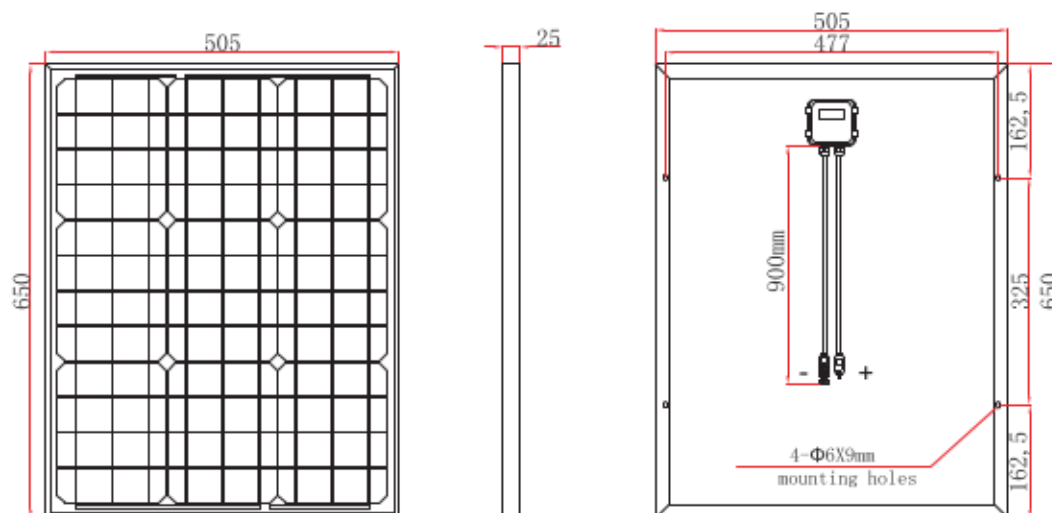


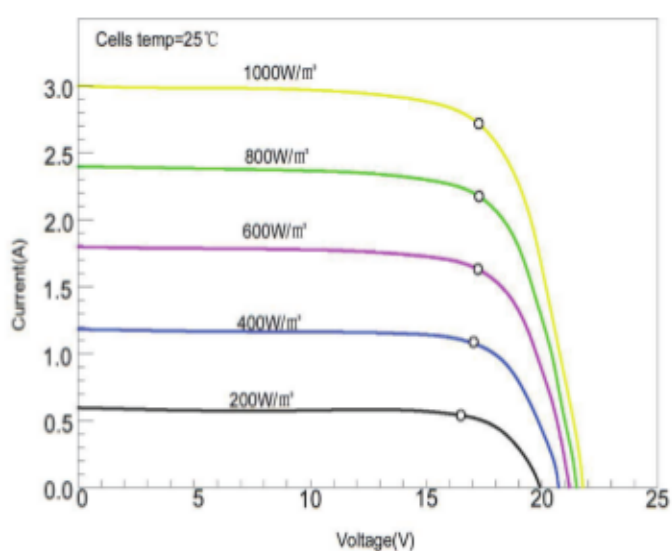
SGM-50W/18V

High Efficiency Monocrystalline PV Module

Module Diagram



Characteristics



Electrical Characteristics

Electrical Characteristics	
Product code	SGM-50W/18V
Maximum power(Pmax)	50W
Voltage at Pmax(Vmp)	17.8
Current at Pmax(Imp)	2.81
Open-circuit voltage(Voc)	21.3
Short -circuit current(Isc)	3.03
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C
Current temperature coefficient	+0.05%/°C
Cells Efficiency(%)	18.43%
The maximum system voltage	1000VDC(IEC)
Output power tolerance	±3%

Specifications

Specifications	
Cells	Monocrystalline silicon solar
No.of cells and connections	36(3X12)
Module dimension	505*650*25mm
Weight	3.67KG
Certification	CE,RoHS,ISO