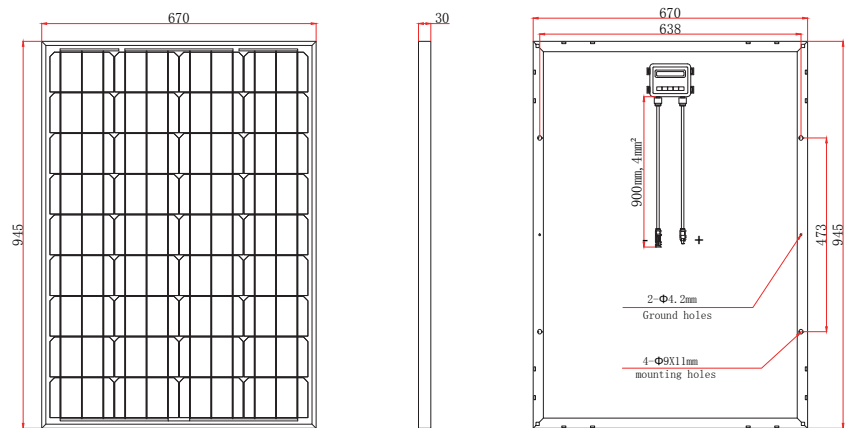


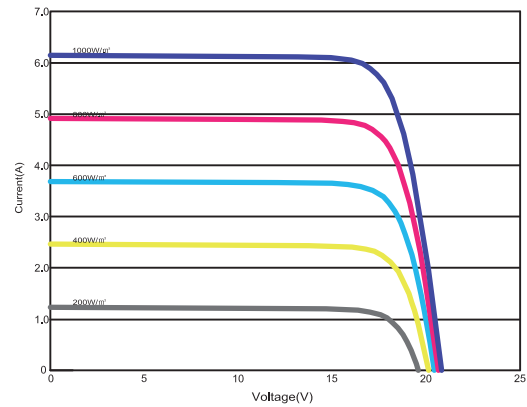
SGM-100W

High Efficiency Monocrystalline PV Module

Module Diagram



Characteristics



Electrical Characteristics

Product code	SGM-100W
Maximum power(Pmax)	100W
Voltage at Pmax(Vmp)	17.8
Current at Pmax(Imp)	5.62
Open-circuit voltage(Voc)	22.3
Short -circuit current(Isc)	6.07
Power temperature coefficient	-0.48%/°C
Voltage temperature coefficient	-0.34%/°C
Current temperature coefficient	+0.015%/°C
Cells Efficiency(%)	18.43%
The maximum system voltage	1000VDC(IEC)
Output power tolerance	±3%

*Measured at STC Conditions:Irradiance:1,000W/ m² - AM1.5 Spectrum - Temperature:2.5°C
Electrical parameters may vary by ±5%

Specifications

Cells	USA A grade SunPower solar cell
No.of cells and connections	36(4X9)
Module dimension	670*945*30mm
Weight	7.3KG
Certification	CE,RoHS,ISO