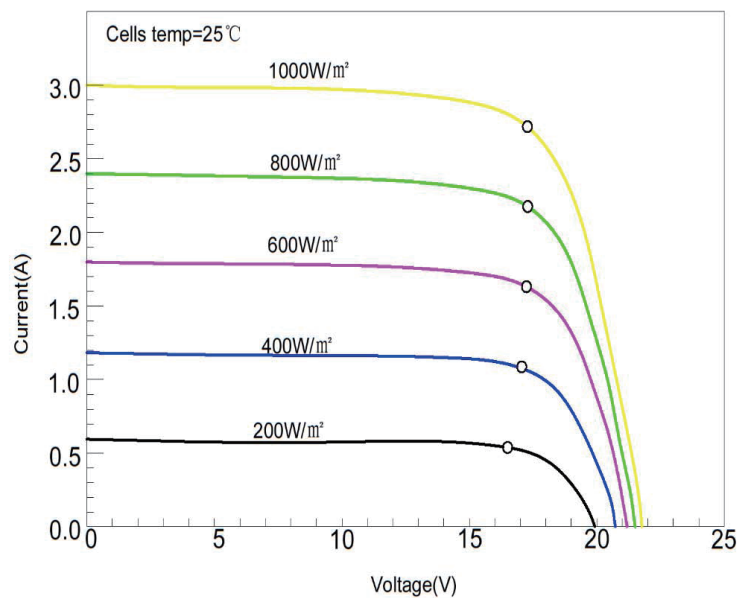


SGM-100W/18V

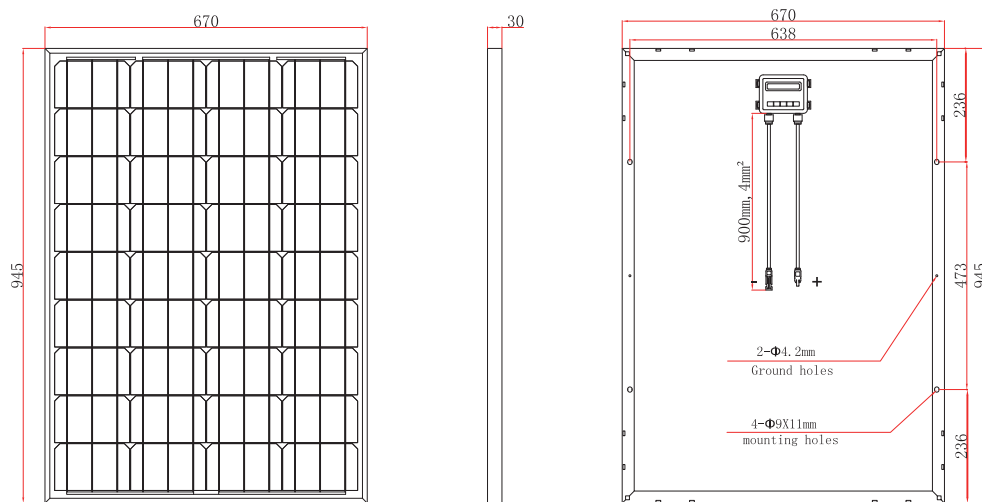
High Efficiency Monocrystalline PV Module



Characteristics



Module Diagram



Electrical Characteristics

Electrical Characteristics	
Product code	SGM-100W/18V
Maximum power(Pmax)	100W
Voltage at Pmax(Vmp)	17.8
Current at Pmax(Imp)	5.62
Open-circuit voltage(Voc)	21.3
Short -circuit current(Isc)	6.07
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C
Cirrent 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(4X9)
Module dimension	945*670*30mm
Weight	6.87KG
Certification	CE,RoHS,ISO