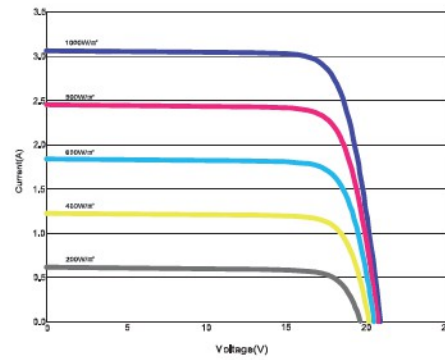


SEMI FLEX-100W

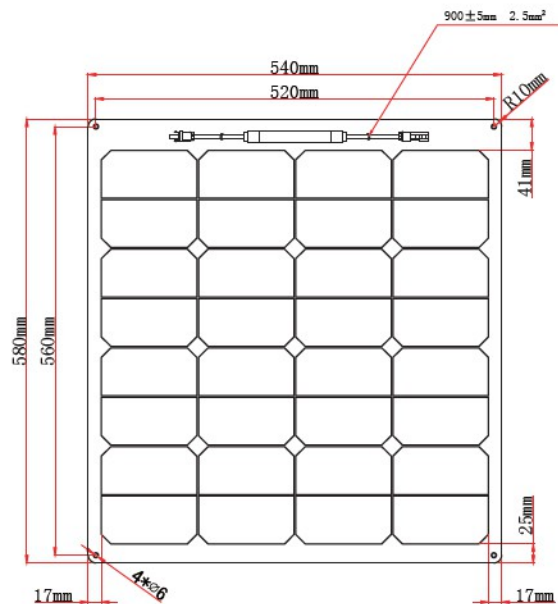
High Efficiency Flexible Solar Panels



Characteristics



Module Diagram



Electrical Characteristics	
Product code	SGM-FL-55W
Maximum power(Pmax)	55W
Voltage at Pmax(Vmp)	18.56
Current at Pmax(Imp)	2.98
Open-circuit voltage(Voc)	21.90
Short -circuit current(Isc)	3.16
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C
Current temperature coefficient	+0.05%/°C
Cells Efficiency(%)	22.60%
The maximum system voltage	45VDC(IEC)
Output power tolerance	±3%

Specifications	
Cells	USA A grade SunPower solar cell
No.of cells and connections	32(4X8)
Module dimension	540*580*3mm
Weight	1.23KG
Certification	CE,RoHS,ISO