



Product Details

RIGID SOLAR PANEL

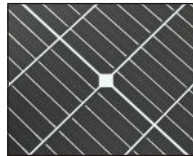
SGM2-450W



MC4

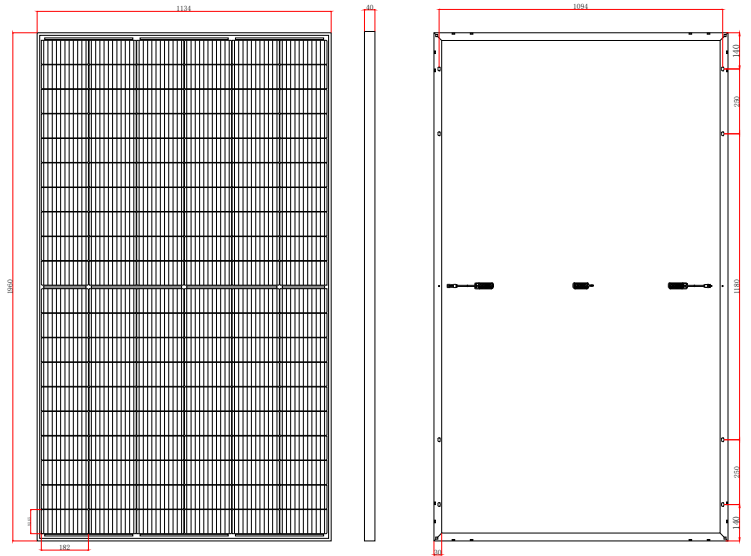


Aluminum frame



Tempered glass

Module Diagram



Electrical Characteristics

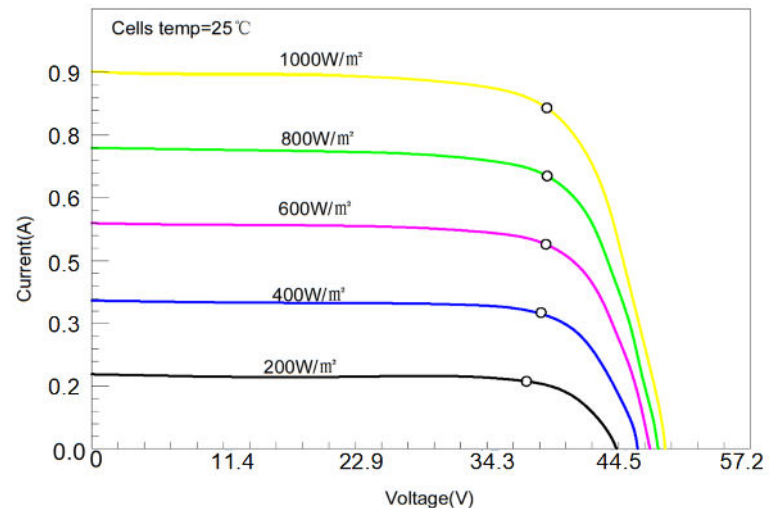
Maximum power(Pmax)	450W
Open-circuit voltage(Voc)	40.7V
Voltage at Pmax(Vmp)	34.8V
Short-circuit current(Isc)	13.58A
Current at Pmax(Imp)	12.94A
Cells Efficiency(%)	22.7%
The maximum system voltage	1000V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-40°C~85°C

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	120(6*20)
Module dimension	1960*1134*40mm
Weight	18.2KG
Output cable	PV-SY001Split type(3pcs CF4050 diodes) 900mm/4mm ² cable+MC4
Approvals	IP65
Certifications	CE, ROHS, FCC
Warranty	10 years and service life 25 years

Product Introduction

On the 182 mm single solar cell, the unique front, and back electrode pattern design improves the mechanical load of the module and reduces the fragmentation rate in the production of the module; combined with the excellent anti-PID performance, it ensures the stability of the power generation of the module, effectively The conversion efficiency of the module is improved.



*SUNGOLD offer customize service, please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.