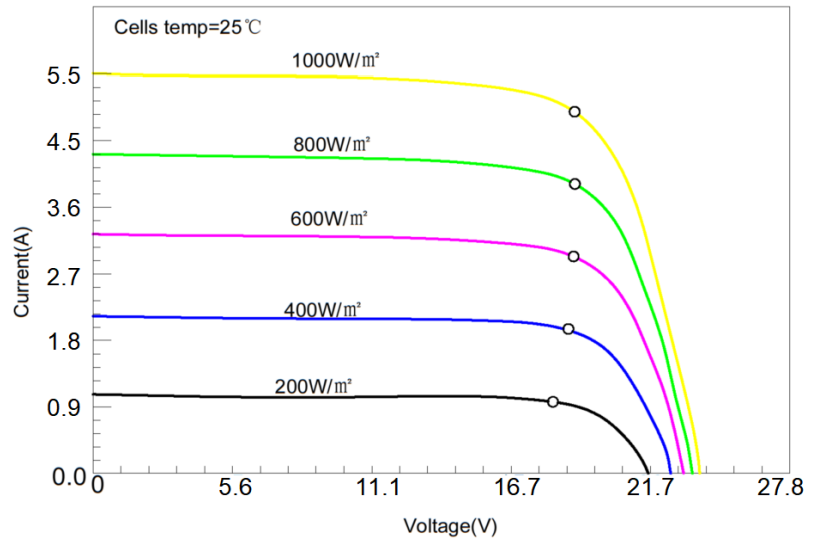
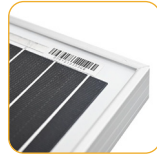
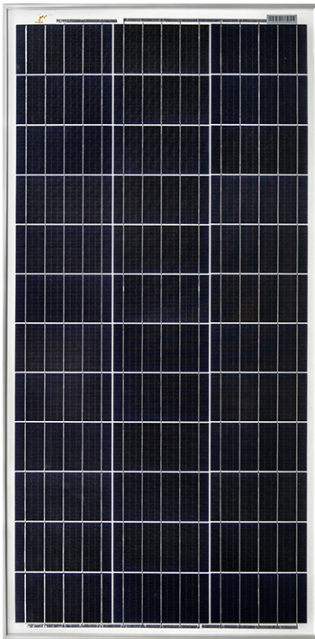




Rigid Solar Panel (SGM-100W/20V)



Product Description

Sungold provides a full of rigid frame monocrystalline solar panel modules to global customers, and is widely used in various fields. It has SGMC PV solar panels and SGS PV solar panels with high efficiency and provides the best solar panel price, free power for charging 12V batteries, for example in the boat, motorhome, caravan, camping, narrowboat, yacht etc, or any other systems with a 12V battery or battery bank.

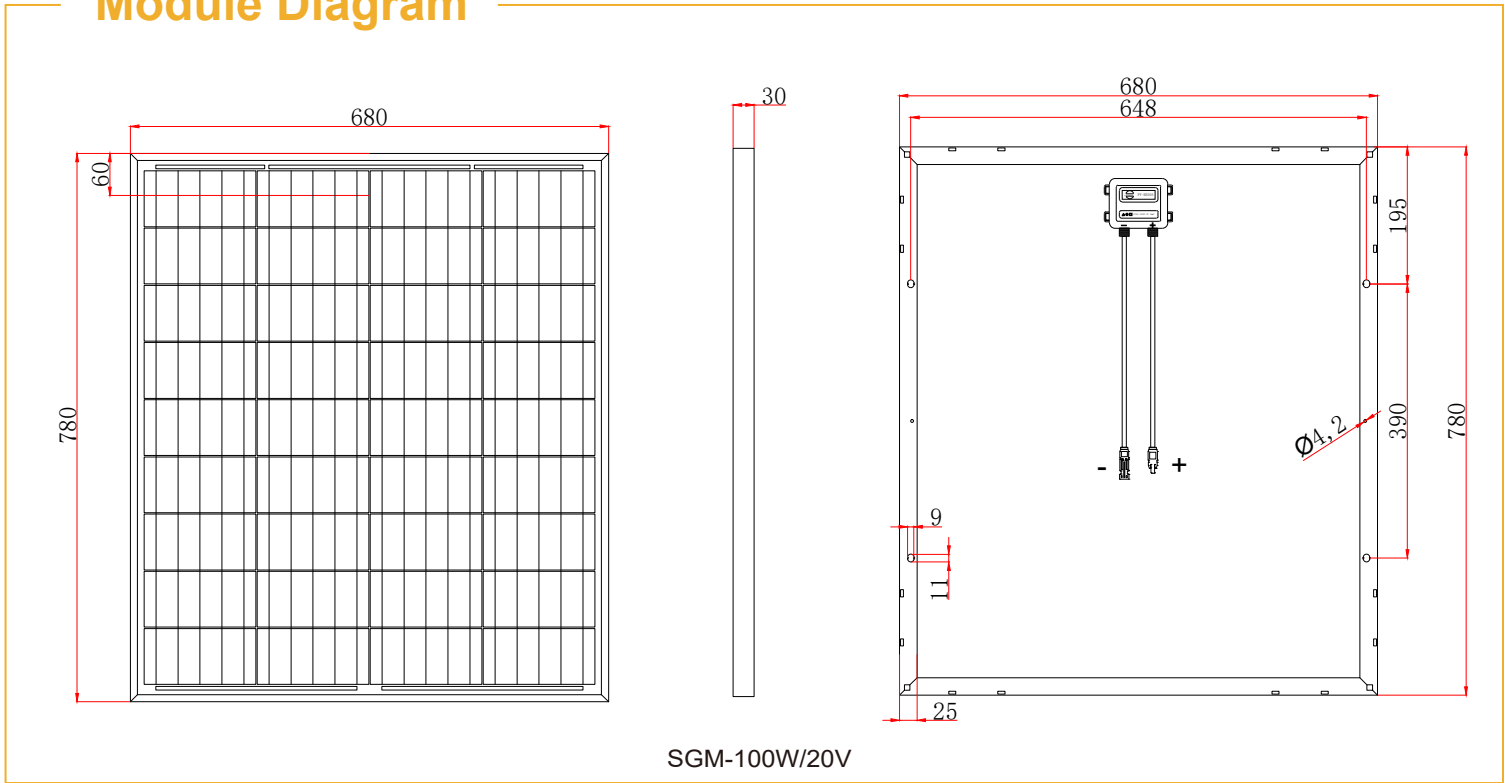
Features

1. Panel kit is enclosed by tempered glass and high-quality materials, which make sure it has a long service time, while good protection can also ensure stable output.
2. Due to premium protection, the panel kit is resistant to high wind pressure and high-intensity snow.
3. Easy to install and use.





Module Diagram



Product Parameters

Model	SGM-30W/20V	SGM-40W/20V	SGM-50W/20V	SGM-65W/20V	SGM-100W/20V	SGM-100W/20V	SGM-135W/20V	SGM-200W/20V	SGM-335W/33V	SGM-400W/40V
Maximum power(Pmax)	30W	40W	50W	65W	100W	100W	135W	200W	335W	400W
Open-circuit voltage(Voc)	23.3V	23.3V	23.3V	23.3V	23.3V	23.3V	23.3V	23.3V	38.3V	46.6V
Voltage at Pmax(Vmp)	19.8V	19.8V	19.8V	19.8V	19.8V	19.8V	19.8V	19.8V	33.0V	39.6V
Short-circuit current(Isc)	1.64A	2.18A	2.73A	3.55A	5.45A	5.45A	7.36A	10.91A	10.96A	10.91A
Current at Pmax(Imp)	1.52A	2.02A	2.53A	3.28A	5.05A	5.05A	6.82A	10.10A	10.15A	10.10A
The maximum system voltage	600V DC(IEC)				1000V DC(IEC)					
Cells efficiency(%)	22.42%									
Power temperature coefficient	-0.43%/°C									
Voltage temperature coefficient	-0.34%/°C									
Current temperature coefficient	0.05%/°C									
Output power tolerance	±3%									
Operating temperature	-40~85°C									
Waterproof junction box	IP67									
Solar cell	Monocrystalline									
Certificate	ROHS; CE; FCC									
Warranty	20 years									
Product border	Silver									
Module dimension	360*560*25mm	360*650*25mm	520*560*25mm	680*540*25mm	680*780*30mm	1030*520*30mm	680*1040*35 mm	680*1500*35	1000*1660*40mm	1000*1980*40mm
Packing	1 piece into 1 box								2 pieces into 1 heaven and earth box	

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