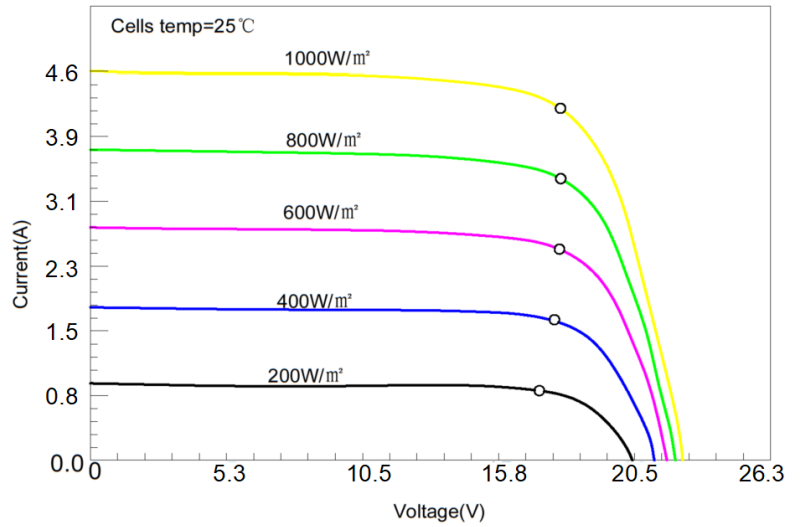
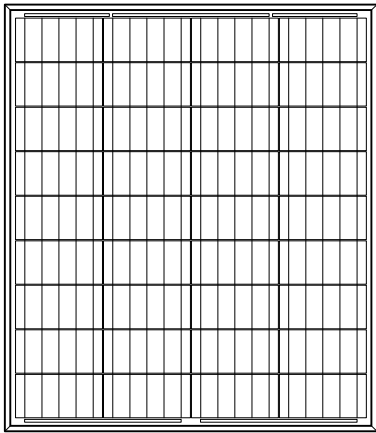




## Rigid Solar Panel (SGP-80W)



## 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.

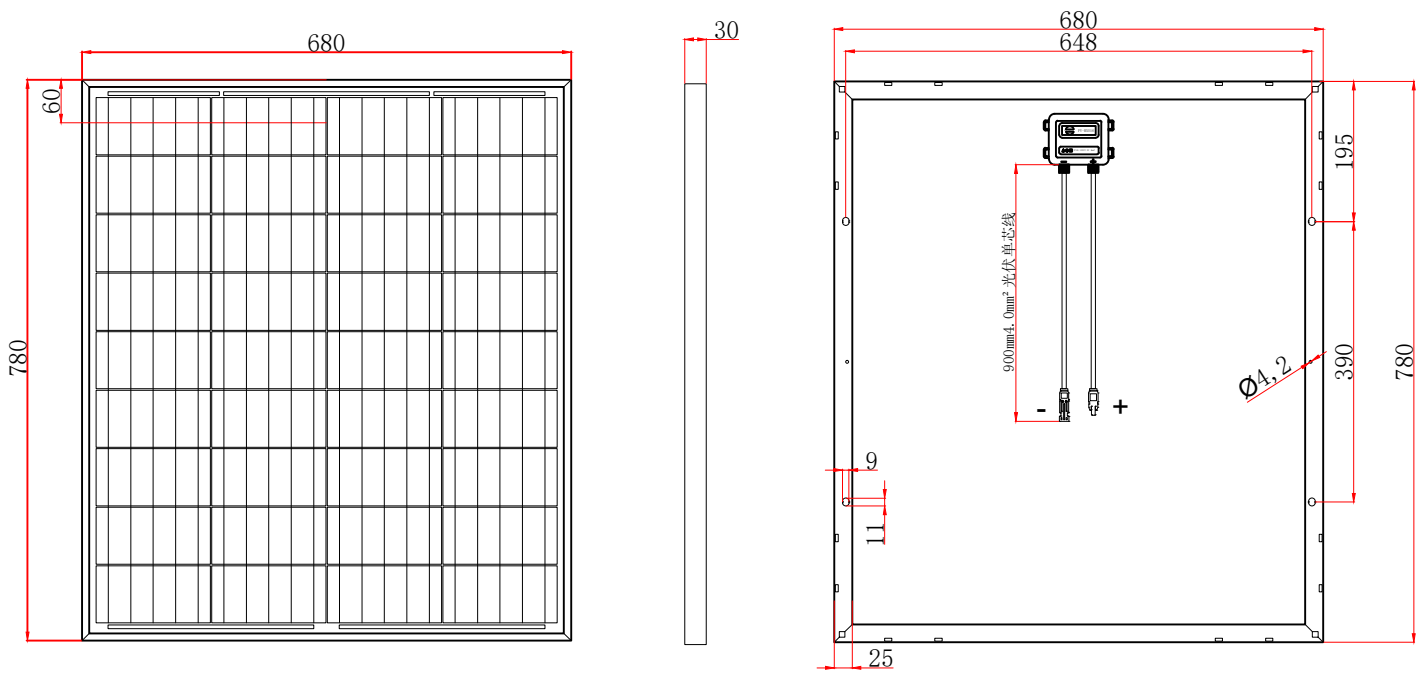
## Features

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



SGP-80W

## Product Parameters

Model	SGP-25W	SGP-30W	SGP-40W	SGP-50W	SGP-80W	SGP-160W	SGP-270W	SGP-320W
Maximum power(Pmax)	25W	30W	40W	50W	80W	160W	270W	320W
Open-circuit voltage(Voc)	22.0V	22.0V	22.0V	22.0V	22.0V	22.0V	36.7V	43.8V
Voltage at Pmax(Vmp)	18.7V	18.7V	18.7V	18.7V	18.7V	18.7V	31.2V	37.2V
Short-circuit current(Isc)	1.42A	1.70A	2.27A	2.83A	4.53A	9.07A	9.17A	9.12A
Current at Pmax(Imp)	1.34A	1.60A	2.14A	2.67A	4.28A	8.56A	8.65A	8.60A
The maximum system voltage	600V DC(IEC)					1000V DC(IEC)		
Cells efficiency(%)	18.70%							
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	Polycrystal							
Certificate	ROHS; CE; FCC							
Warranty	20 years							
Product border	Silver							
No.of cells and connections	36(2*18)	36(2*18)	36(3*12)	36(4*9)	36(4*9)	36(4*9)	60(6*10)	72(6*12)
Module dimension	360*560*25mm	360*650*25mm	520*550*25mm	680*540*25mm	680*780*30 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.