

SGM-FL-50W High Efficiency Flexible Solar Modules



Key Features

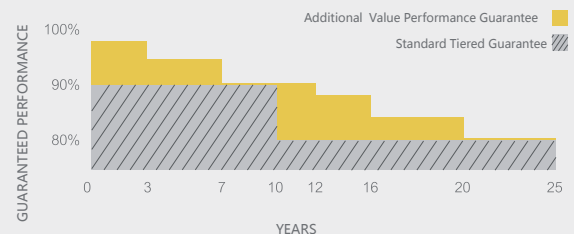
-  Excellent low-light
-  High Quality Bill of Materials
-  Reinforced Module Warranty
-  High Efficiency
-  Universal Design (residential, commercial, ground mounted)

PRODUCT & ADVANTAGE

Sungold provides industry-leading product coverage for all our modules to ensure our customers achieve superior long-term value from their solar installations. In addition to a 10-year product warranty, which covers unanticipated module damage, Sungold implements a 25-year performance guarantee known as the Reinforced Module Warranty.

Sungold Solar's modules are the best in class in terms of power output and long term reliability. Our meticulous product design and stringent quality control ensure our modules deliver a higher PV energy yield in live PV system as well. Our in-house PV testing facilities guarantee all module component materials meet the highest quality standards possible.

Product guarantee for 10 years Performance guarantee for 25 years



*The specifications made herein may deviate slightly and are not guaranteed. Due to ongoing innovation, research and product enhancement we reserve the right to make any adjustments to the information contained herein at any time without notice. Please always obtain the most recent revision of datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

SGM-FL-50W

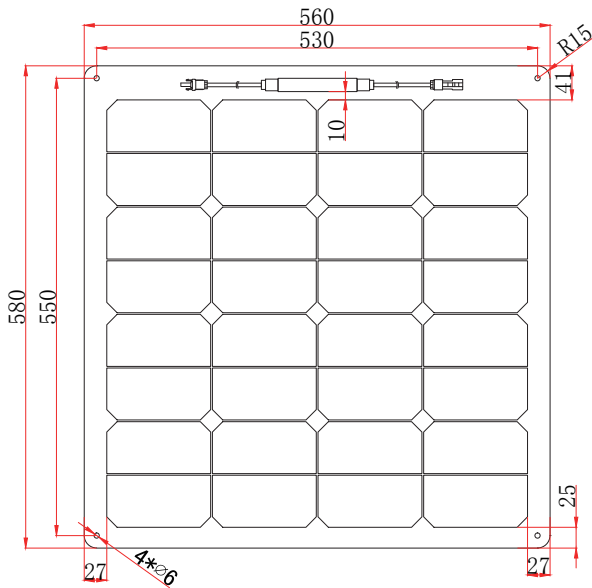
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Electrical Characteristics

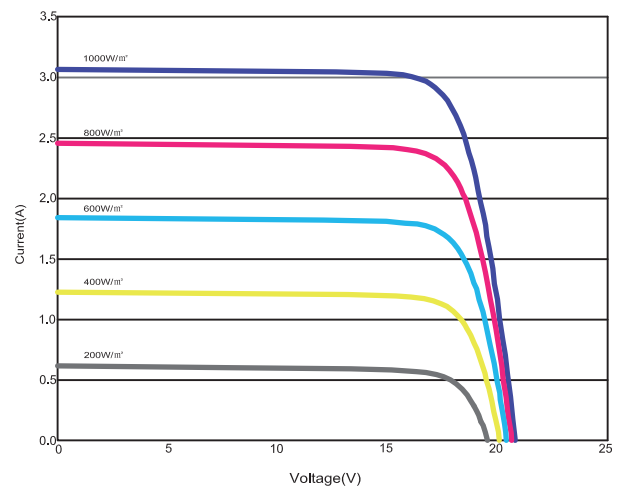
Product code	SGM-FL-50W
Maximum power(Pmax)	50W
Voltage at Pmax(Vmp)	17.6
Current at Pmax(Imp)	2.84
Open-circuit voltage(Voc)	20.8
Short -circuit current(Isc)	3.07
Cells Efficiency(%)	18.43%
The maximum system voltage	600VDC(IEC)
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C
Current temperature coefficient	0.05%/°C
Output power tolerance	±3%
NOCT	45±2°C

*Measured at STC Conditions:Irradiance:1,000W/ m² - AM1.5 Spectrum - Temperature:2.5°C
Electrical parameters may vary by ±5%

Module Diagram



Characteristics



Specifications

Cells	USA A grade SunPower solar cell
No.of cells and connections	32(4X8)
Module dimension	560*580*3mm
Weight	1.3 KG
Junction Box	Ip 65/ Ip 67 Rated