

Folding Solar Modules

SGM-2F-80W/100W
SGM-3F-60W



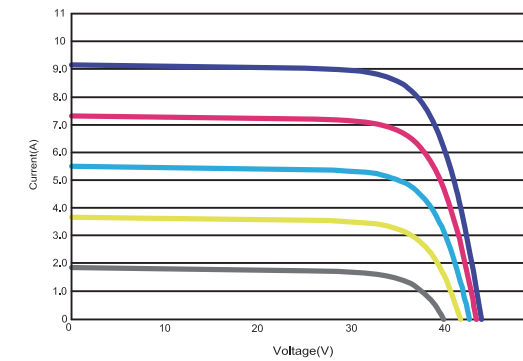
Kit is Complete with



Quality & Safety

- $\pm 3\%$ positive tolerance
- 10-year warranty Materials Technology
- Industry-leading linear warranty
- 10 years, 90% and 80% of 25-year power output guarantee

IV Graph



Packaging

Pallet load: Each solar panel in one carton box

Container load: Gift box is available

Applications pictures



SPECIFICATIONS

Component Model	SGM-3F-60W	SGM-2F-80W	SGM-2F-100W
Maximum power	180W	160W	200W
Operating voltage(Vmp)	18.00	17.8	17.6
Current(Imp)	10.00	8.99	11.43
Open circuit voltage(Voc)	21.60	21.3	21.1
Short-circuit current(Isc)	10.80	9.71	12.34
Cell Efficiency(%)	17.26%	18.40%	17.26%
Cell size	156x58.61	156x78	156x103.7
Component size	770*505*35	1005*505*35	1005*670*35
Operating Temperature(C)	-40°C~+85°C		
Output power tolerance	$\pm 3\%$		
Power temperature coefficient	-0.39%/°C		
Voltage temperature coefficient	-0.29%/°C		
Current temperature coefficient	+0.05%/°C		
NOCT	45 \pm 2°C		

Measured at STC Conditions: Irradiance: 1,000W/ m² - AM1.5 Spectrum - Temperature: 25°C
Electrical parameters may vary by $\pm 3\%$