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Solar Panel Guide Specification Data Sheet

Shenzhen Sungold Solar Co., Ltd.

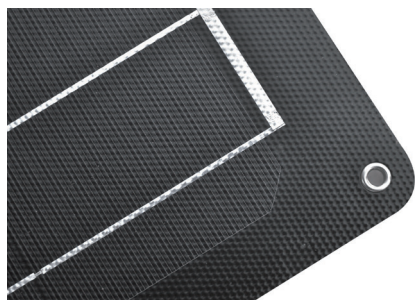
SGLW-E-80-160W

SGLW-E-80W

Also available on the web at
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PCB Flexible solar panel

SGLW-E-80W/100W/160W



Electrical Characteristics

Product code	SGLW-E-80W	SGLW-E-100W	SGLW-E-160W
Maximum power(Pmax)	80W	100W	160W
Voltage at Pmax(Vmp)	17.8	17.8	17.8
Current at Pmax(Imp)	4.49	5.62	8.98
Open-circuit voltage(Voc)	21.3	21.3	21.3
Short -circuit current(Isc)	4.85	6.07	9.71
Cells Efficiency(%)	22.60%	22.60%	22.60%
The maximum system voltage	60VDC(IEC)	60VDC(IEC)	60VDC(IEC)
Power temperature coefficient	-0.38%/°C	-0.38%/°C	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C	-0.27%/°C	-0.27%/°C
Current temperature coefficient	0.05%/°C	0.05%/°C	0.05%/°C
Output power tolerance	±3%	±3%	±3%
NOCT	45±2°C	45±2°C	45±2°C

Specifications

Cells	Monocrystalline silicon solar		
No.of cells and connections	36(4X9)	36(4X9)	36(4X9)
Module dimension	785*670*3mm	960*670*3mm	1495*670*3mm
Weight	2.36KG	2.9 KG	4.5KG
Junction Box	Ip 65/ Ip 67 Rated		