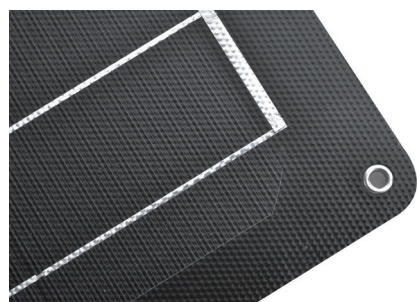


# PCB Flexible solar panel

SGLW-E-20W/30W/50W/60W



## Electrical Characteristics

Product code	SGLW-E-20W	SGLW-E-30W	SGLW-E-50W	SGLW-E-60W
Maximum power(Pmax)	20W	30W	50W	60W
Voltage at Pmax(Vmp)	17.8	17.8	17.8	17.8
Current at Pmax(Imp)	1.12	1.69	2.81	3.37
Open-circuit voltage(Voc)	21.3	21.3	21.3	21.3
Short -circuit current(Isc)	1.21	1.82	3.03	3.64
Cells Efficiency(%)	22.60%	22.60%	22.60%	22.60%
The maximum system voltage	60VDC(IEC)	60VDC(IEC)	60VDC(IEC)	60VDC(IEC)
Power temperature coefficient	-0.38%/°C	-0.38%/°C	-0.38%/°C	-0.38%/°C
Voltage temperature coefficient	-0.27%/°C	-0.27%/°C	-0.27%/°C	-0.27%/°C
Current temperature coefficient	0.05%/°C	0.05%/°C	0.05%/°C	0.05%/°C
Output power tolerance	±3%	±3%	±3%	±3%
NOCT	45±2°C	45±2°C	45±2°C	45±2°C

## Specifications

Cells	Monocrystalline silicon solar			
No.of cells and connections	36(2X18)	36(2X18)	36(3X12)	36(3X12)
Module dimension	450*355*3mm	630*355*3mm	675*510*3mm	790*510*3mm
Weight	0.72KG	1.0KG	1.55KG	1.81KG
Junction Box	Ip 65/ Ip 67 Rated			