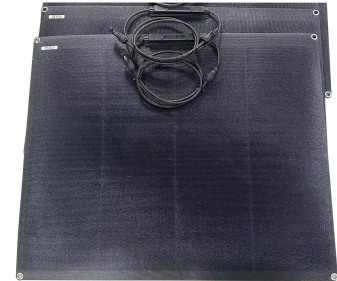


# SKANBATT

## Electrical Characteristics

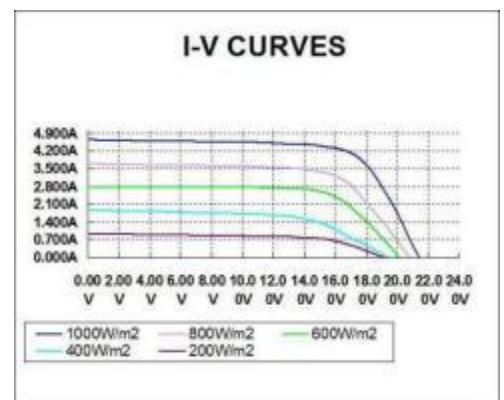
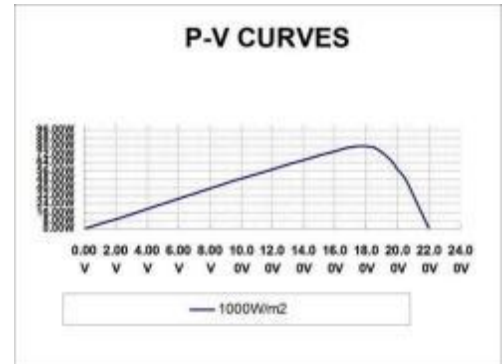
Model	SFLEX18W
Maximum Power at STC (Pmax)	18 W
Optimum Operating Voltage (Vmp)	17.5V
Optimum Operating Current (Imp)	1.1A
Open - Circuit Voltage (Voc)	20.5V
Short - Circuit Current (Isc)	1.15A
Cell Efficiency	21.9%
Operating Module Temperature	-20 °C to +65 °C
Maximum System Voltage	1000 V DC (IEC) / 600 V DC (UL)
Maximum Series Fuse Rating	10 A
Power Tolerance	0~+3 %



STC: Irradiance 1000 W/m2, module temperature 25 °C, AM=1.5;

## Mechanical Characteristics

Solar Cell	MONO PERC SOLAR CELL
No. of Cells	3*10
Dimensions	465 × 285 × 3mm
Weight	0.62 kg
Front Material	ETFE
Frame	N/A
Junction Box	IP68 rated
Output Cables	TUV (2Pfg1169:2007), UL 4703, UL 44 Optional 4.0 mm <sup>2</sup> ,symmetrical lengths(-)900mm and (+)900mm
Connectors	SOLAR MC4 integrated twist locking connectors



## Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	25±2°C
Temperature Coefficient of Pmax	-0.44 %/°C
Temperature Coefficient of Voc	-0.33 %/°C
Temperature Coefficient of Isc	0.055 %/°C

## Warranty

3 YEARS MATERIAL AND WORKMANSHIP WARRANTY  
5 YEARS POWER OUTPUT WARRANTY

### Walkable

Upon Skanbatt new launched structural and material design, users can walk on the flexible panels.

### Extremely Flexible

It can easily be bent to over 30 degrees to make it more suitable for installation in RV, boats, caravans.