

SKANBATT

Electrical Characteristics

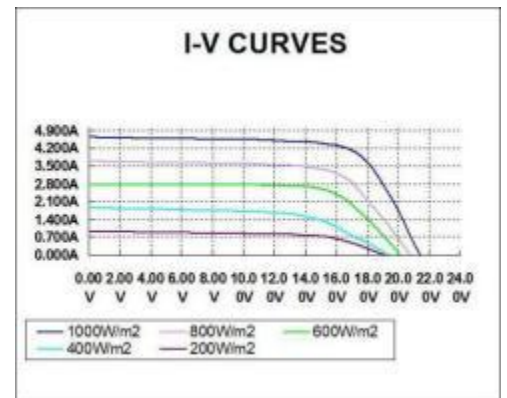
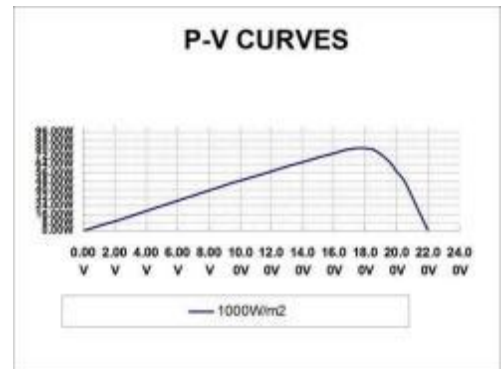
Model	SFLEX160W
Maximum Power at STC (Pmax)	160 W
Optimum Operating Voltage (Vmp)	18.2V
Optimum Operating Current (Imp)	8.79A
Open - Circuit Voltage (Voc)	21.5V
Short - Circuit Current (Isc)	9.47A
Cell Efficiency	21.9%
Operating Module Temperature	-20 °C to +65 °C
Maximum System Voltage	1000 V DC (IEC) / 600 V DC (UL)
Maximum Series Fuse Rating	15 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*12
Dimensions	1350 × 670× 3mm
Weight	2.9 kg
Front Material	ETFE
Frame	N/A
Junction Box	IP68 rated
Output Cables	TUV (2Pfg1169:2007), UL 4703, UL 44 Optional 4.0 mm ² ,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.