

Electrical Characteristics

Model	FFSP150W
Maximum Power at STC (Pmax)	150W
Optimum Operating Voltage (Vmp)	24.36V
Optimum Operating Current (Imp)	6.16A
Open - Circuit Voltage (Voc)	28.57V
Short - Circuit Current (Isc)	6.87A
Cell Efficiency	25%
Operating Module Temperature	-20 °C to +65 °C
Maximum System Voltage	1000 V DC (IEC) / 600 V DC (UL)
Maximum Series Fuse Rating	15A
Power Tolerance	0~+3 %

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



Mechanical Characteristics

Solar Cell	HPBC SOLAR CELL
No. of Cells	3*14
Dimensions	1380 × 585× 3mm
Weight	3kg
Front/Back 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

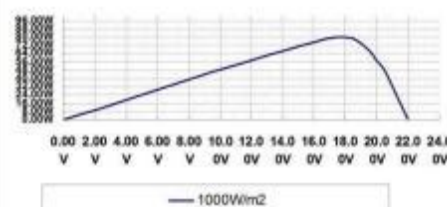
Temperature Characteristics

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

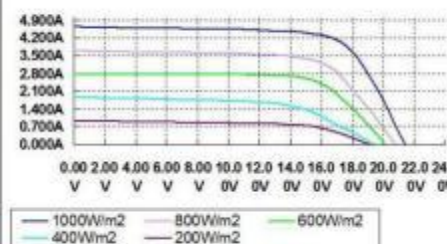
Warranty

3 YEARS MATERIAL AND WORKMANSHIP WARRANTY
5 YEARS POWER OUTPUT WARRANTY

P-V CURVES



I-V CURVES



• Walkable

Upon Flagsun 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