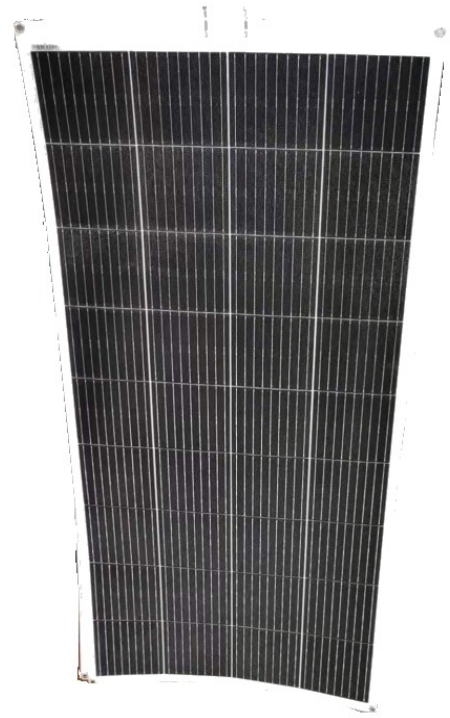


Semi Flexible Solar Panel 200W 9BB

Electrical Characteristics

Model	SMF-200W
Maximum Power at STC (Pmax)	200W
Optimum Operating Voltage (Vmp)	19.8V
Optimum Operating Current (Imp)	10.1A
Open - Circuit Voltage (Voc)	23.4V
Short - Circuit Current (Isc)	11.17A
Cell Efficiency	21.0% above
Operating Module Temperature	-20 °C to +65 °C
Maximum System Voltage	1000 V DC (IEC) / 600 V DC (UL)
Maximum Series Fuse Rating	20 A
Power Tolerance	±5 %

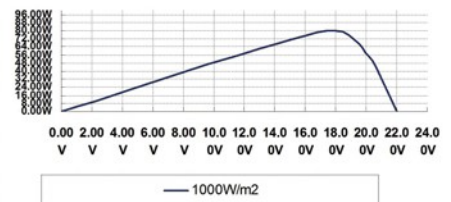


STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5;

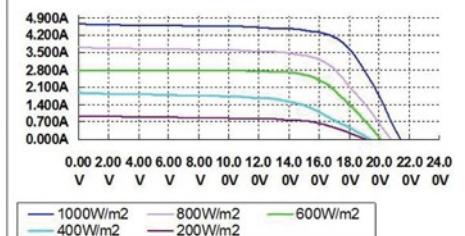
Mechanical Characteristics

Solar Cell	Mono 9BB
No. of Cells	36(4*9)
Dimensions	1510*680*3 MM
Weight	4.20KG
Front	
Frame	N/A
Junction Box	IP67 rated
Output Cables	TUV (2Pfg1169:2007), UL 4703, UL 44 Optional 4.0 mm ² , symmetrical lengths(-)1000mm and (+)1000mm
Connectors	SOLAR MC4 integrated twist locking connectors

P-V CURVES



I-V CURVES



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