

Characteristics	SPM1.5-M	SPM2-M
Maximum power(Pm)	1.5W	2W
Power Tolerance	±3%	±3%
Voltage at max power(Vmp)	9V	9V
Current at max power(Imp)	1.66A	223A
Open circuit voltage (Voc)	10.8V	10.8V
Short circuit current(Isc)	1.82A	2.45A
Operating Temperature	-40°C to +85°C	
Maximum System voltage	700V	700V
Maximum Series Fuse Rating	8A	8A
Dimension of module:	113*153*15mm	140*165*15mm
Standard Test Condtion	Irradiance 1000W/ m ² ,Module temperature 25°C ,AM=1.5	

Mechanical Characteristics

Solar cell: Monocrystalline silicon solar cell 125x125mm(5inch)
 No. of cells and connections: 18=2x9pcs
 Weight: 0.5kg
 Junction Box: Ip54 rated
 Packing Configuration: 50PCS/CTN
 Warranty: Pm is not less than 90% in 10years and 80% in 20years
 Resistances: 227g stell ball fall down from 1m height and 60m/s wind



Temperature Coefficients

Noct: 48°C ± 2°C
 Current temperature coefficient : 0.06±0.01%/K
 Voltage temperature coefficient : -(78±10)MV/K
 Power temperature coefficient : -(0.5±0.05)%/k

