



Module Diagram

### Electrical Characteristics

Electrical Characteristics	
Product code	MESM-180W
Maximum power(Pmax)	180 W
Voltage at Pmax( Vmp)	20.9
Current at Pmax(Imp)	8.62
Open-circuit voltage( Voc)	24.5
Short -circuit current(Isc)	9.04
Power temperature coefficient	- 0.35 % / °C
Voltage temperature coefficient	- 0.275 % / °C
Current temperature coefficient	+ 0.045 % / °C
Cells Efficiency(%)	22,7 %
The maximum system voltage	1000VDC (IEC)
Output power tolerance	± 3 %

### Specifications

Cells	A grade mono solar cells 182 mm.
No. of cells and connections	72 (4 x 18)
Module dimension	1200 * 770 * 35 mm
Weight	10.1 Kg
Certification	CE, RoHS, ISO