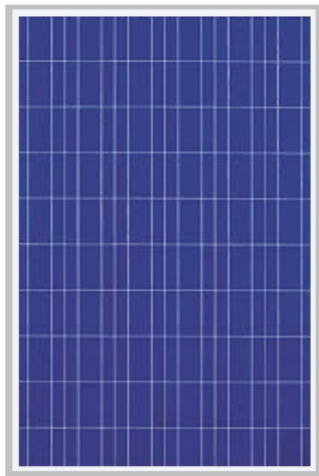


SOLAR MODULE- 100Wp

MODEL- MS12100



ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	22.32V
Short Circuit Current	(Isc)	5.9A
Maximum Voltage	(Vmp)	18.1V
Maximum Current	(Imp)	5.53A
Maximum Power at STC	(Pmax)	100Wp
Maximum System Voltage	(VDC)	1000

COMPONENTS MATERIALS

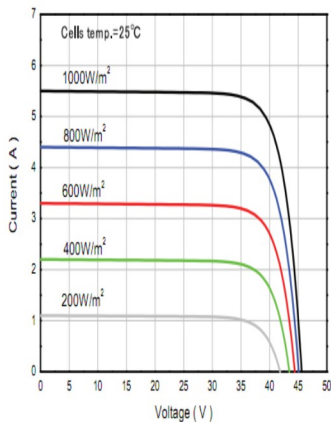
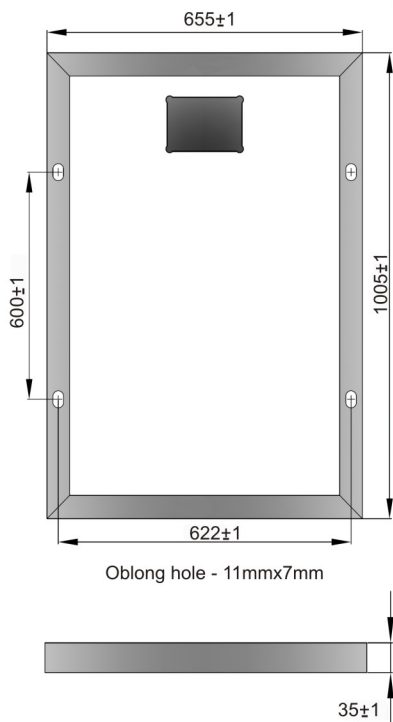
Cell per Module	36 No's
Cells type	Poly Crystalline Silicon
Full Cells Dimension	156mmx156mm
Front Cover	Toughened Textured Glass
Encapsulation	EVA
Back Cover	PV Back sheet

MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1005mm X 655mm X 35mm
Frame	Anodized Aluminium
Weight (module only)	7.5 Kgs
Junction box rating	IP 65

THERMAL CHARACTERISTICS

Operating Temperature	-20°C to 90°C
NOCT	47°C ± 2K
Current Temperature Coefficient	+0.06%/K
Voltage Temperature Coefficient	- 0.36%/K
Power Temperature Coefficient	-0.43% / K
max. Wind load /Max Snow Load	5400 Pa



Design and Specifications are Subject to Change Without Notice

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