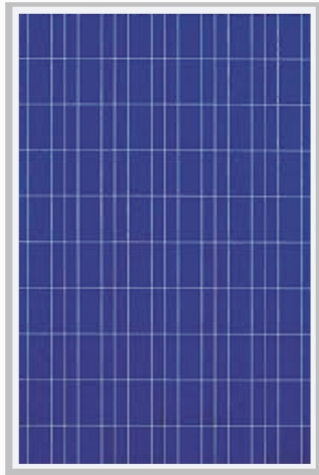


## SOLAR MODULE- 45 Wp

### MODEL- MS1245



#### ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	22.32V
Short Circuit Current	(Isc)	2.73A
Maximum Voltage	(Vmp)	18.1V
Maximum Current	(Imp)	2.49A
Maximum Power at STC	(Pmax)	45Wp
Maximum System Voltage	(VDC)	600

#### COMPONENTS MATERIALS

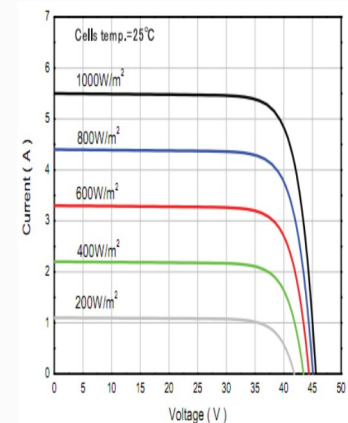
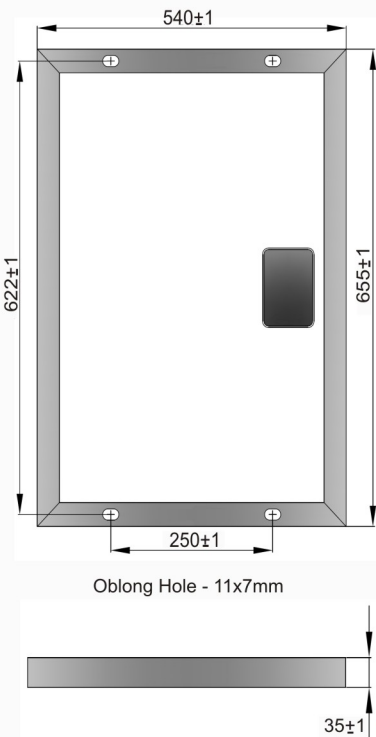
Cell per Module	36 No's
Cells type	Poly Crystalline Silicon
Full Cells Dimension	156mmx156mm
Front Cover	Toughened Textured Glass
Encapsulation	EVA
Back Cover	PV Back sheet

#### MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	655mm X 540mm X 35mm
Frame	Anodized Aluminium
Weight (module only)	4.3 Kgs
Junction box rating	Outdoor Application

#### 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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