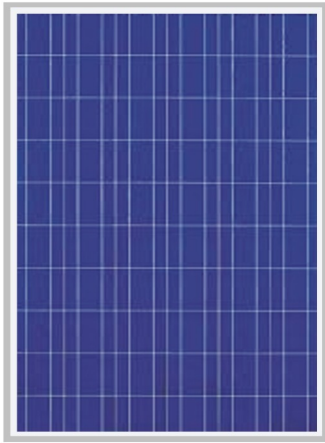


## SOLAR MODULE- 230Wp

### MODEL- MS20230



#### ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	37.2V
Short Circuit Current	(Isc)	8.35A
Maximum Voltage	(Vmp)	30V
Maximum Current	(Imp)	7.67A
Maximum Power at STC	(Pmax)	230Wp
Maximum System Voltage	(VDC)	1000

#### COMPONENTS MATERIALS

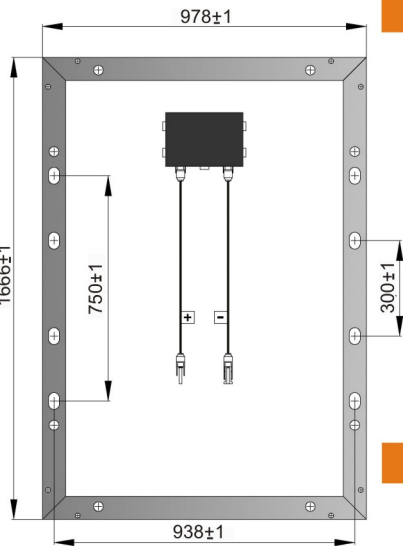
Cell per Module	60 No's
Cells type	Poly Crystalline Silicon
Full Cells Dimension	156mmx156mm
Front Cover	Toughened Textured Glass
Encapsulation	EVA
Back Cover	PV Back sheet

#### MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1666mm X 978mm X 42mm
Frame	Anodized Aluminium
Weight (module only)	18.50 Kgs
Junction box	IEC Certified - IP65

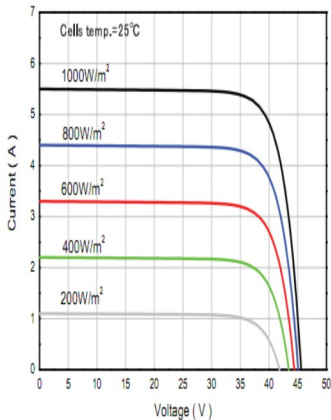
#### THERMAL CHARACTERISTICS

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



Oblong hole - 11mmx8mm  
Grounding Hole at 4places - Ø6mm

42±1



Design and Specifications are Subject to Change Without Notice

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