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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**MicroSun Solar Tech Pvt. Ltd.**

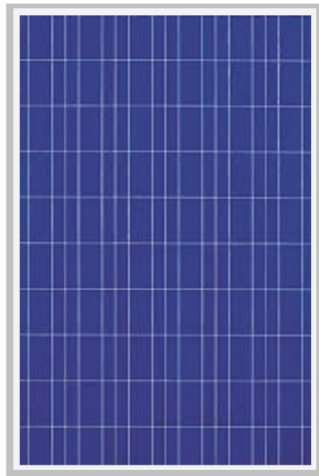
**MS1205**

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Also available on the web at  
[EnergyPal.com/microsun-solar-tech-pvt-ltd-solar-panels/ms1205](http://EnergyPal.com/microsun-solar-tech-pvt-ltd-solar-panels/ms1205)

## SOLAR MODULE- 5 Wp

### MODEL- MS1205

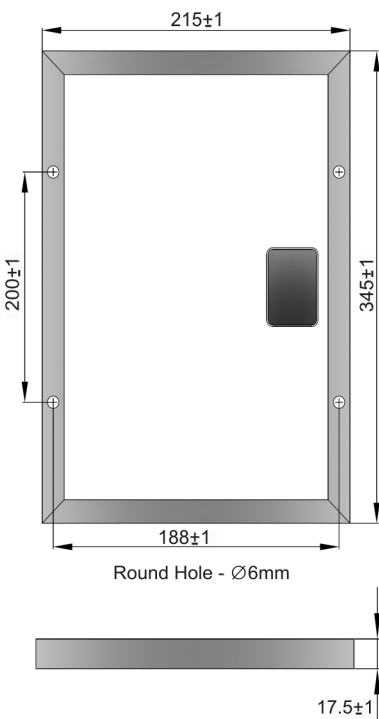


#### ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	22.32V
Short Circuit Current	(Isc)	0.3A
Maximum Voltage	(Vmp)	17.1V
Maximum Current	(Imp)	0.27A
Maximum Power at STC	(Pmax)	5Wp
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



Outer dimensions (L x W x H)	345mm X 215mm X 17.5mm
Frame	Anodized Aluminum
Weight (module only)	1 Kgs
Junction box	Outdoor Application

#### THERMAL CHARACTERISTICS

Operating Temperature	-20°C to 90°C
NOCT	47°C ± 2K
Current Temperature Coefficient	+0.66%/K
Voltage Temperature Coefficient	- 0.36%/K
Power Temperature Coefficient	-0.43% / K
Max. Wind load /Max Snow Load	5400 Pa

