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# **EnergyPal**

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

**MicroSun Solar Tech Pvt. Ltd.**

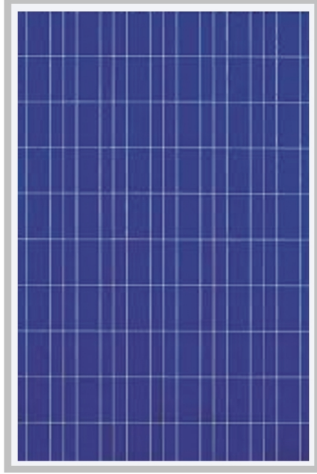
**MS0605**

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## SOLAR MODULE- 5 Wp

### MODEL- MS0605



#### ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	10.8V
Short Circuit Current	(Isc)	0.61A
Maximum Voltage	(Vmp)	8.5V
Maximum Current	(Imp)	0.58A
Maximum Power at STC	(Pmax)	5Wp
Maximum System Voltage	(VDC)	600

#### COMPONENTS MATERIALS

Cell per Module	18 No's
Cells type	Poly Crystalline Silicon
Full Cells Dimension	156mmx156mm
Front Cover	Toughened Textured Glass
Encapsulation	EVA
Back Cover	PV Back sheet

#### MECHANICAL CHARACTERISTICS

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

