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Solar Panel Guide Specification Data Sheet

MicroSun Solar Tech Pvt. Ltd.

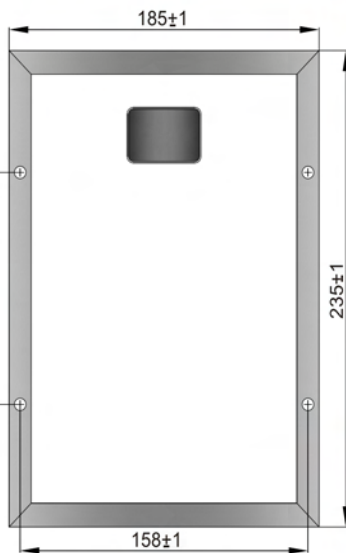
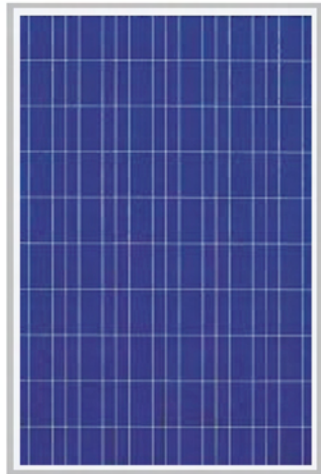
MS0603

MS0603

Also available on the web at
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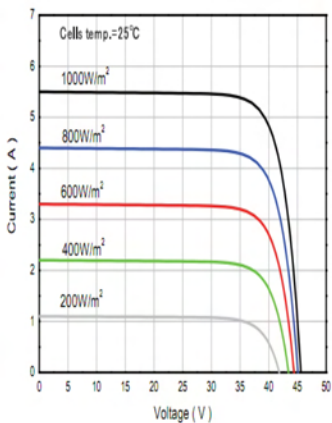
SOLAR MODULE- 3 Wp

MODEL- MS0603



Round Hole - Ø6mm

17.5±1



ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	10.8V
Short Circuit Current	(Isc)	0.4A
Maximum Voltage	(Vmp)	8.5V
Maximum Current	(Imp)	0.36A
Maximum Power at STC	(Pmax)	3Wp
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 SPECIFICATIONS

Outer dimensions (L x W x H)	235mm X 185mm X 17.5mm
Frame	Anodized Aluminum
Weight (module only)	0.8 Kgs
Junction box rating	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

