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Solar Panel Guide Specification Data Sheet

MicroSun Solar Tech Pvt. Ltd.

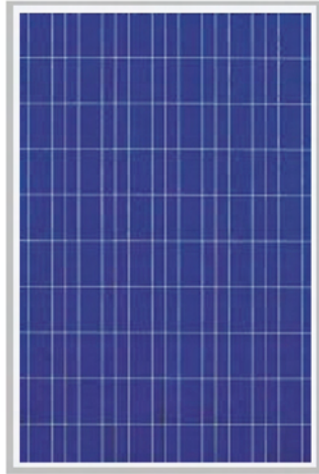
MS20250

MS20250

Also available on the web at
EnergyPal.com/microsun-solar-tech-pvt-ltd-solar-panels/ms20250

SOLAR MODULE- 250Wp

MODEL- MS20250



ELECTRICAL CHARACTERISTICS

Open Circuit Voltage	(Voc)	37.2V
Short Circuit Current	(Isc)	8.84A
Maximum Voltage	(Vmp)	30V
Maximum Current	(Imp)	8.34A
Maximum Power at STC	(Pmax)	250Wp
Maximum System Voltage	(VDC)	1000

COMPONENTS MATERIALS

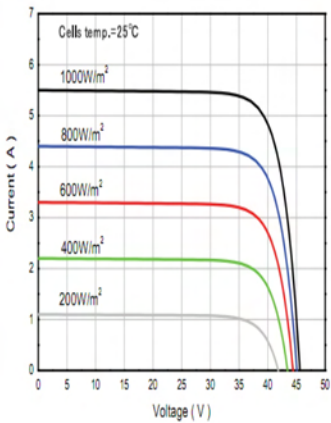
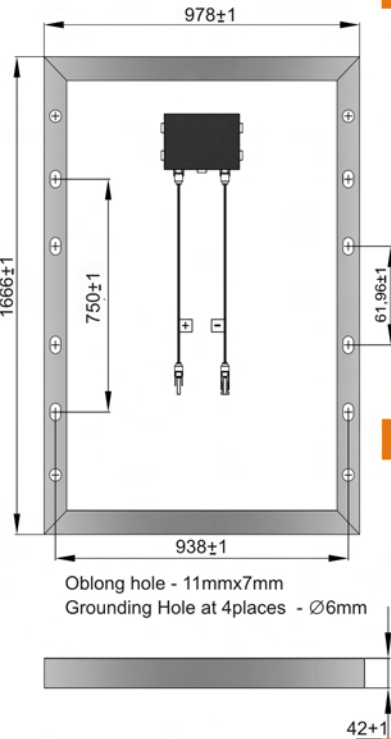
Cell per Module	60 No's
Cells type	Poly Crystalline Silicon
Full Cells Dimension	156mmx156mm
Front Cover	Toughened Textured Glass
Encapsulation	EVA
Back Cover	PV Back sheet

MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1666mm X 978mm X 42mm
Frame	Anodized Aluminum
Weight (module only)	18.65 Kgs
Junction box rating	IP65

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



Design and Specifications are Subject to Change Without Notice

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