



ORI-5M

Small size 5 Watt Monocrystalline Solar Module

Features

High power output module conversion efficiency with stable cell production technology.

Anti-reflective and anti-soiling surface reduces power loss from dirt and dust.

Outstanding performance in low-light irradiance environments.

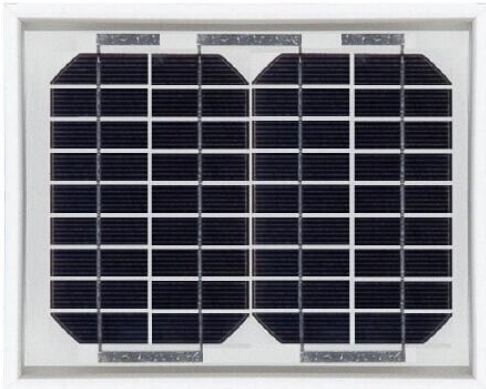
Certified to withstand: wind load and snow load.

High salt mist and ammonia resistance certified by TUV Rheinland.

Quality and Safety

Designed according to and complying with all requirements in IEC 61730, IEC 61215, UL1703, CEC Listed, MCS and CE.

ISO 9001:2008:Quality management systems.
 ISO 14001:2004:Environmental management systems.
 BS OHSAS 18001:2007:Occupational health and safety management systems.



Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power stations
- Other on-grid applications

ORI-5M

Electrical Characteristics

Model	ORI-5M
Optimum Operating Voltage (Vmp)	18.57V
Optimum Operating Current (Imp)	0.27A
Open-Circuit Voltage (Voc)	22.64V
Short-Circuit Current (Isc)	0.29A
Cell Efficiency (%)	17.96%
Module Efficiency (%)	9.16%
Tolerance Wattage (e.g. +/-3%)	0 ~ +3%
Maximum Power(W)	5 Watt
NOCT	47°C +/- 2°C

General Characteristics

Solar Cell	52*15.3 (16.8) MONO
Number of Cells	4*9
Dimension	260mm*210mm*18mm
Weight	0.7KG
Front Glass	3.2mm tempered glass
Frame	18#
Allowable Hail Load	23m/s, 7,53 g
Classification	TPT backing, FF 70-76%, -40°C to +85°C

Temperature Coefficients

Temperature Coefficient of Im (%/°C)	+0.04
Temperature Coefficient of Pmax (%/°C)	-0.47
Temperature Coefficient of Voc (%/°C)	-0.38
Temperature Coefficient of Isc (%/°C)	+0.04
Temperature Coefficient of Vm (%/°C)	-0.38

Packing Solution

Packing	Wooden Box
Pieces per container	200pcs/Pallets

Engineering Drawing

