### ORI-15M



**Applications** 

**On-grid residential roof-tops** 

Solar power stations

Other on-grid applications

**On-grid commercial/industrial roof-tops** 



# Small Size 15 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.



#### Electrical Characteristics

Model	ORI-15M
Optimum Operating Voltage (Vmp)	17.44V
Optimum Operating Current (Imp)	0.86A
Open-Circuit Voltage (Voc)	22.50V
Short-Circuit Current (Isc)	0.92A
Cell Efficiency (%)	16.16%
Module Efficiency (%)	10.96%
Tolerance Wattage (e.g. +/-3%)	0 ~ +3%
Maximum Power(W)	15 Watt
NOCT	47℃ +/- 2℃

#### A General Characteristics

Solar Cell	52*51 (52.5) MONO	
Number of Cells	6*6	
Dimension	370mm*370mm*18mm	
Weight	1.9KG	
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	

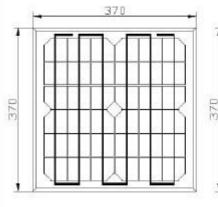
#### Packing Solution

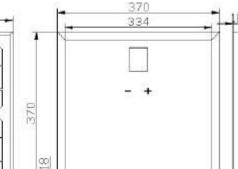


#### A Temperature Coefficients

Temperature Coefficient of Im (%/ $^{\prime \rm C}$ )	+0.04
Temperature Coefficient of Pmax (%/ ${\ensuremath{\mathcal C}}$ )	-0.47
Temperature Coefficient of Voc (%/ ${^\prime\!{\rm C}}$ )	-0.38
Temperature Coefficient of Isc (%/ $^{\circ}$ C )	+0.04
Temperature Coefficient of Vm (%/ $^{\circ}{\rm C}$ )	-0.38

#### Engineering Drawing





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