ORI-15M



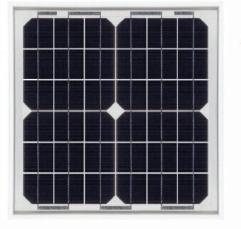
Applications

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	

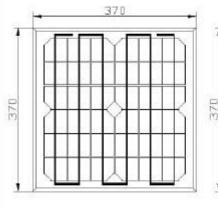
Packing Solution

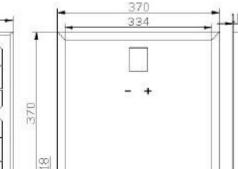


A Temperature Coefficients

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





ORI-15M