



ORI-250P

245-265Watt

Polycrystalline 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.

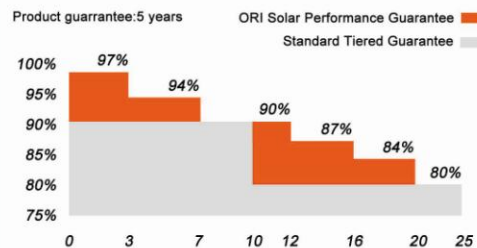
High salt mist and ammonia resistance certified by TUV Rheinland.

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.



Warranties



ORI-250P

Electrical Characteristics

Model	ORI-245P	ORI-250P	ORI-255P	ORI-260P	ORI-265P
Optimum Operating Voltage (Vmp)	30.1V	30.5V	30.8V	31.1V	31.4V
Optimum Operating Current (Imp)	8.14A	8.20A	8.28A	8.37A	8.44A
Open-Circuit Voltage (Voc)	37.5V	37.7V	38.0V	38.1V	38.6V
Short-Circuit Current (Isc)	8.76A	8.85A	8.92A	8.98A	9.03A
Maximum Power at STC (Pmax)	245Wp	250Wp	255Wp	260Wp	265Wp
Module Efficiency	14.97%	15.27%	15.58%	15.89%	16.19%
Operating Temperature	-40°C to +85°C				
Maximum System Voltage	1000V DC (IEC)				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				

General Characteristics

Solar Cell	Polycrystalline 156x156mm (6 inches)
Number of Cells	60 (6x10) in series connection
Dimension	1650x992x40mm (65x39.05x1.57 inches)
Weight	18.5kgs(40.8 lbs)
Front Glass	3.2mm, High transmission, Low Iron, Tempered
Frame	Anodized aluminum alloy
Mechanical load	5400 pa
Classification	safety class II; Application class A; IP67 rated

Temperature Coefficients

NOCT (°C)	45±2
Temperature Coefficient of Pmax (%/°C)	-0.41
Temperature Coefficient of Voc (%/°C)	-0.31
Temperature Coefficient of Isc (%/°C)	0.06

Packing Solution

Container	40' GP
Pieces per pallet	50
Pallets per container	14
Pieces per container	700

IV Curves

Current-Voltage & Power-Voltage Curves (260W)

