



POLY-CRYSTALLINE SOLAR MODULE - 60 CELLS

OS230P OS235P OS240P OS245P

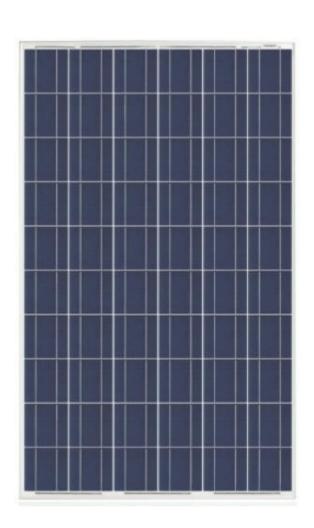
OS250P

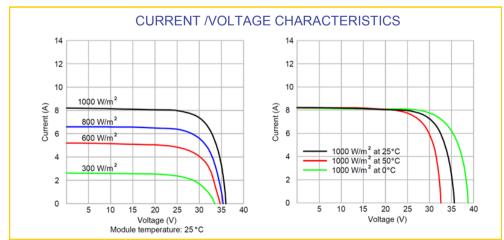
FEATURES

- High reliability with guaranteed 0 to +5W power output tolerance
- Passing mechanical load test of 5400 Pa to withstand heavier snow load and 2400 Pa to withstand wind pressure
- Strong frame, easy to install
- High transparency tempered glass: 3.2 mm, with durable glass surface
- Excellent performance under low light environment
- Power series ranging from 230 to 250 W meet different customers demands
- International quality and safety certifications

WARRANTIES

- 10 years limited product warranty
- 5 years at 95% of the minimal rated power output
- 10 years at 90% of the minimal rated power output
- 18 years at 85% of the minimal rated power output
- 25 years at 80% of the minimal rated power output





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POLY-CRYSTALLINE SOLAR MODULE 60 CELLS - 156 mm





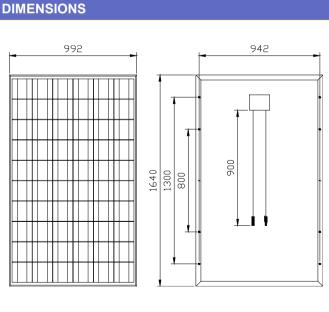
ELECTRICAL CHARACTERISTICS	OS230P	OS235P	OS240P	OS245P	OS250P
Nominal Output (pmax) [W]	230	235	240	245	250
Warranted Minimum Power [W]	223.1	227.95	232.8	237.65	242.5
Flash Test Power Classification [W]	0 / +5	0 / +5	0 / +5	0 / +5	0 / +5
Voltage at Pmax (Vmp) [V]	29.5	30	30	30	30.5
Current at Pmax (Imp) [A]	7.8	7.83	8.0	8.17	8.2
Open Circuit Voltage (Voc) [V]	36.6	37.2	37.2	37.2	37.8
Short Circuit Current (Isc) [A]	8.42	8.46	8.65	8.74	8.85
Maximum System Voltage [V]	IEC: 1000 / UL: 600				
Maximum Series Fuse Rating [A]	12				
Cell Efficiency [%]	15.75	16.09	16.44	16.78	17.12
Module Efficiency [%]	14.05	14.36	14.66	14.97	15.27

STC* (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, Air

TEMPERATURE CHARACTERISTICS		
NOCT**	45±2 °C	
Temperature Coefficient of Pmax	-0.47 %/°C	
Temperature Coefficient of Voc	-0.346 %/°C	
Temperature Coefficient of Isc	0.036 %/°C	
Operating Temperature	-40 °C to +85 °C	

NOCT**: Nominal Operation Cell Temperature Sun 800W/m²; Air 20°C; Wind speed 1m/s

MECHANICA	L CHARACTERISTICS	C
Solar Cells	60(6x10) polycrystalline cells 156 mm	
Font Cover	3.2 mm thick, low iron tempered glass	
Back Cover	TPT (Tedlar-PET-Tedlar)	
Encapsulant	EVA (Ethylene vinyl acetate)	
Frame	Anodized aluminium alloy, double wall	
Diodes	6 Bypass diodes serviceable	
Junction Box	IP65 rated	
Connector	MC4 or compatible connector	
Cables	Length: 900 mm / Section: 4.0 mm²	
Dimensions	1640 x 992 x 45 mm (Frame thickness can have a 40 to 50mm range)	
Weight	19.5 kg	
Max. Load	Certified to 2400 Pa	



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