



POLY-CRYSTALLINE SOLAR MODULE - 72 CELLS

OS200P

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
- 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





ELECTRICAL CHARACTERISTICS	OS200P
Nominal Output (pmax) [W]	200
Maximum Power Voltage [Vmp]	17.8
Flash Test Power Classification [W]	0 / +5
Current at Pmax (Imp) [A]	11.23
Open Circuit Voltage (Voc) [V]	21.36
Short Circuit Current (Isc) [A]	12.58
Cell Efficiency [%]	15.2
Module Efficiency [%]	13.5

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

MECHANICAL CHARACTERISTICS		DIMENSIONS
Solar Cells	72(6x12) polycrystalline cells 156x117 mm	
Font Cover	3.2 mm thick, low iron tempered glass	
Back Cover	TPT (Tedlar-PET-Tedlar)	
Encapsulant	EVA (Ethylene vinyl acetate)	
Frame	Anodized aluminum alloy, double wall	
Diodes	3 Bypass diodes serviceable	
Junction Box	IP65 rated	
Connector	MC4 Plug Type IV	
Cables	Length: 950 mm / Section: 4.0 mm ²	
Dimension	1488 x 992 x 35 mm	
Weight	9.6 kg	
Max. Load	Certified to 2400 Pa	

Oviera Solar reserves the right to make specifications changes without any prior notice.
 This data sheet complies with the EN 50380 requirements
 July 2012 Oviera Solar Srl. All rights reserved.

