

OS STANDARD LINE OS250P / OS260P / OS270P



POLY-CRYSTALLINE SOLAR MODULE

60 CELLS 156x156mm

The PEIMAR polycrystalline solar panels are a perfect combination of high-efficiency and versatility. Flexible, unbreakable and solid, our panels are ideal for commercial and residential applications, as well as for large solar systems.

Thanks to the use of high-quality solar cells, our panels achieve outstanding performances and ensure the maximum production output even under bad lighting conditions.

Last but not least, the light-weight and simultaneously robust frame make it easy to install the panels, while adding to its strength.



High reliability with guaranteed
0 to +5W power output tolerance



30 Year Linear Power Warranty
12 Year Product Warranty



Excellent performance
under different light
conditions



IP65 JUNCTION BOX
Able to withstand the most varied
atmospheric conditions



Passing mechanical load test of
5400 Pa to withstand heavier snow
load and 2400 Pa to withstand
wind pressure



Compact and ultra-light aluminum
frame with 40mm thickness to
handle the panel in a easier way

OS250P / OS260P / OS270P

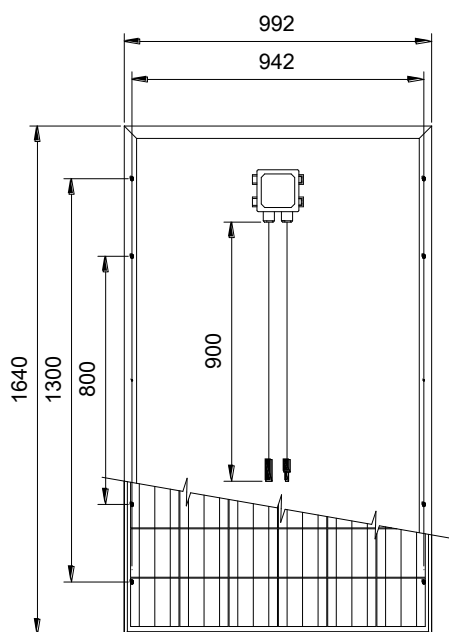
OS STANDARD LINE

/// ELECTRICAL CHARACTERISTICS (STC)*	OS250P	OS260P	OS270P
Nominal Output (Pmax) [W]	250	260	270
Flash Test Power Classification [W]	0 / +5	0 / +5	0 / +5
Voltage at Pmax (Vmp) [V]	30.5	30.8	31.1
Current at Pmax (Imp) [A]	8.20	8.45	8.69
Open Circuit Voltage (Voc) [V]	37.8	37.9	38.0
Short Circuit Current (Isc) [A]	8.87	9.06	9.25
Maximum System Voltage [V]		1000	
Maximum Series Fuse Rating [A]	15	15	15
Cell Efficiency [%]	17.12	17.81	18.49
Efficienza Modulo [%]	15.37	15.98	16.60

STC* (Standard Test Condition): Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

/// MECHANICAL CHARACTERISTICS	
Solar Cells	60(6x10) poly-crystalline cells 156x156 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	3 Bypass diodes serviceable
Junction Box	IP65 rated
Connector	MC4 or compatible connector
Cables	Length: 900 mm / Section: 4.0 mm ²
Dimensions	1640 x 992 x 40 mm
Weight	18 kg
Max. Load	Certified to 5400 Pa

/// DIMENSIONS



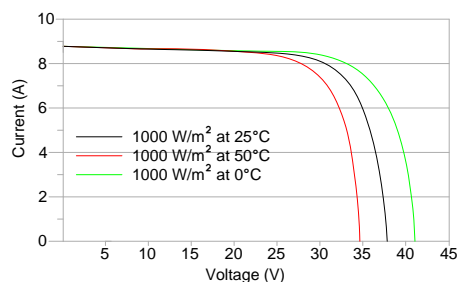
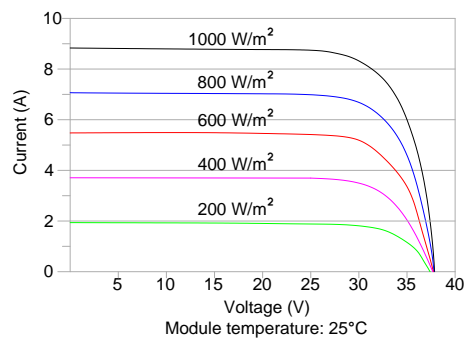
/// TEMPERATURE CHARACTERISTICS	
NOCT**	45±2 °C
Temperature Coefficient of Pmax	-0.43 %/°C
Temperature Coefficient of Voc	-0.32 %/°C
Temperature Coefficient of Isc	0.047 %/°C
Operating Temperature	-40°C ~ +85°C

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

/// PACKING CONFIGURATION	
Pallet dimensions	1700 x 1100 x 1200 mm
Pieces per pallet	27 pcs
Weight	516 kg

* Pallets can be stacked up to two

/// CURRENT / VOLTAGE CHARACTERISTICS*



* The above values apply to OS250P



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