



 EUROPEAN QUALITY

Quality

- / Subjected to test electroluminescence
- / IP65 + 1 m cable
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber
- / Friendly environment & recyclable materials

Certificates

- / IEC 61215:2005
- / IEC 61730-1:2004 / IEC 61730-2:2004
- / Frontal load (snow) 5.400 Pa
- / Back load (wind) 2.400 Pa
- / Fire Resistance Certificate / Class II (under standard UNI 9177)
- / MCS (UK)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA)



+3% Extra power
extra up to 3%
extra up to 7W

12 Warranty product
12 years for product
20 years of experience

25 Performance warranty
High performance
25 years of warranty

PHOTON Laboratory talks about our modules:

"Eurener is one of the oldest module manufacturers in Europe: the Spanish company was founded in 1997. [...] Is distinguished by having values that are over the average: the temperature coefficient is quite better than other modules that are in the test field. The curve behavior at different irradiance conditions shows a marked efficiency increase in radiations from medium to high, and a slight drop in efficiency at low irradiance conditions. These factors show that this module could reach higher performance than the average in long-term measurements."



MEPV - Monocrystalline

Standard - All Black / 260 / 265 / 270 / 280 / 290 W

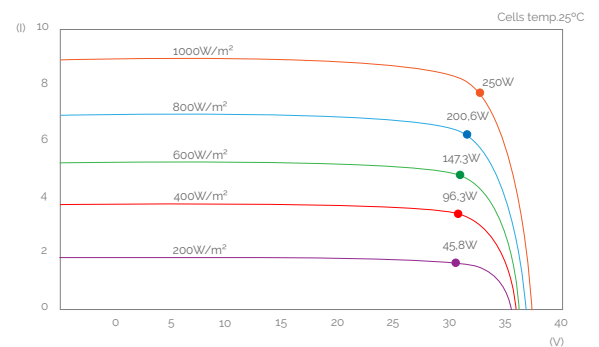
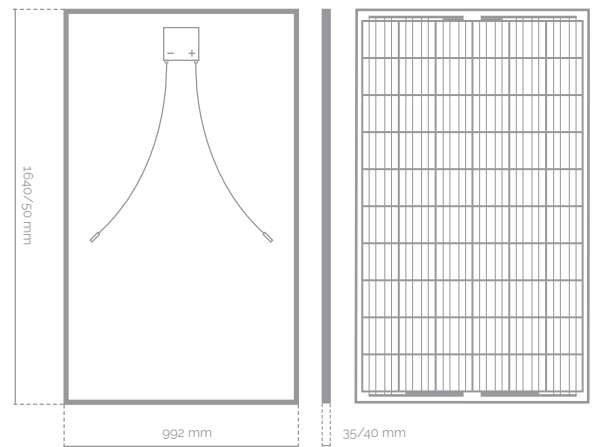
20 years of experience
12 years warranty product





Technical features

Frame
Silver anodized aluminium 0,015 mm
Robust and resistant to corrosion
Built-in plug
Connection box
Sealed, robust and wide for heat dissipation
IP65 according to IEC 60529
Diodes by-pass built-in (6) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1 meter length and 4mm ² section
Reaction to Fire Class II (conformity to UNI 9177 norm)
Frontal
3,2 mm tempered glass
Textured, extra-clear with low iron content
Solar cells
60 cells monocrystalline silicon / 156x156 mm
Weight and dimensions (L x W) +/-1% mm
20 Kg 1640/50 x 992 x 35/40 mm



Electric data

Standard - All Black	MEPV 260	MEPV 265	MEPV 270	MEPV 280	MEPV 290
Nominal power, P _{mp}	260 W	265 W	270 W	280 W	290 W
Tolerance, P _{mp}	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%
Area of the module	1,62				
Module efficiency	15,98%	16,29%	16,60%	17,21%	17,83%
I _{sc}	8,77 A	8,85 A	8,89 A	9,03 A	9,18 A
U _{oc}	38,34 V	38,62 V	38,96 V	39,91 V	40,59 V
I _{mp}	8,47 A	8,59 A	8,74 A	8,91 A	9,12 A
U _{mp}	30,72 V	30,86 V	31,04 V	31,44 V	31,81 V
Maximum voltage	1000 V				
α I _{sc}	0,045% / °C - 0,08% / °C				
β U _{oc}	- 0,53% / °C - -0,34% / °C				
γ P _{max}	- 0,38% / °C - -0,44% / °C				
Temperature range	- 40°C to +85°C				
NOCT	44°C ± 2°C				

NOTE: Read the instruction manual of this product and follow the indications. Values are valid for: 1000W/m², AM 1.5 and cell's temperature of 25°C. All the information of this brochure may be amended without notice by Eurener.

