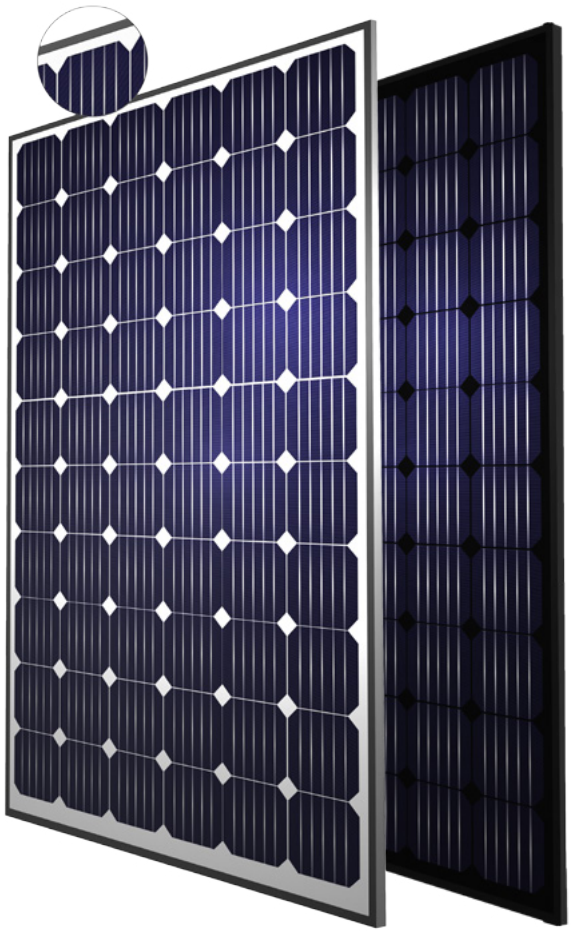
MINUMUN SIZE
MAXIMUN
POWER
TURBO
SUPERIOR
300-320W
60 CELLS

MEPV 300 - 320W

Covered cell interconnections | 5 Busbar | 6 Diodes



Quality

/ Subjected to test electroluminescence
/ IP67 + 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 I (under standard UNI 9177)
/ MCS (UK)
/ EE016-20130528-001 (France)
/ WEEE compliance in Germany
/ ETL Listed Mark (USA-Canada)

TOTAL 60
+ 15 YEARS WARRANTY
+ 20 YEARS EXPERIENCE
+ 25 YEARS PERFORMANCE

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".

TURBO SUPERIOR

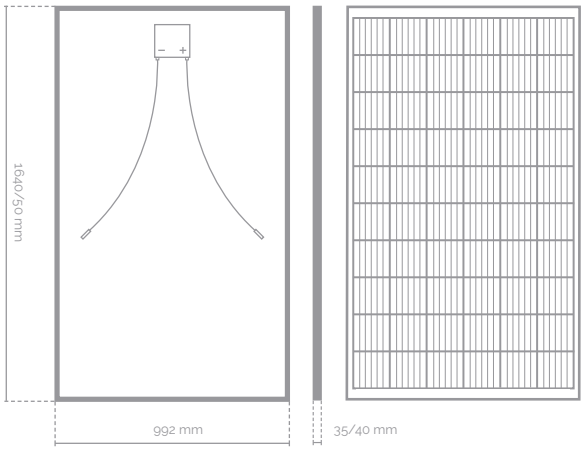
Monocrystalline Standard - All Black / 300 / 315 / 320W

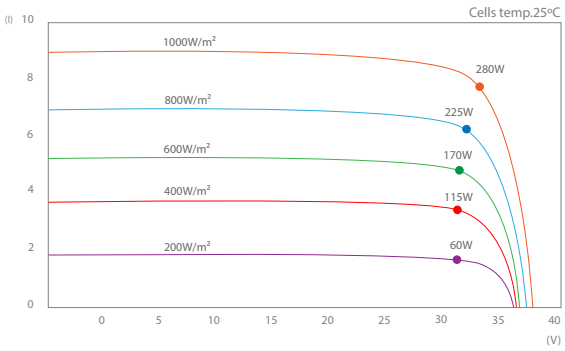
EUROPEAN QUALITY

eurener energía solar

Technical features

Frame
Black / Silver anodized aluminium 0,015 mm
Covered cell interconnections
Robust and resistant to corrosion
Built-in plug
Connection box
Sealed, robust and wide for heat dissipation
IP67 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 4mm² section
Reaction to Fire Class I (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 300	MEPV 315	MEPV 320
Nominal power, Pmpp	300W	315W	320W
Tolerance, Pmpp	0 / +1%	0 / +1%	±3%
Area of the module		1,62	
Module efficiency	18,52%	19,44%	19,75%
Isc	9,89 A	9,95 A	9,98 A
Uoc	39,75 V	40,50 V	40,85 V
Impp	9,37 A	9,82 A	9,97 A
Umpp	32,02 V	32,08 V	32,10 V
Maximum voltage		1000 V	
Isc		0,039% / ºC	
Uoc		- 0,29% / ºC	
g Pmax		- 0,42% / ºC	
Temperature range		- 40ºC to +85ºC	
NOCT		44ºC ± 2ºC	

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 25ºC.
All the information of this brochure may be amended without notice by Eurener.

Sales Office:
Av. Marqués de Sotelo, 1-4ª
46002 Valencia (Spain)

Phone +34 96 004 55 15
comercial@eurenerworld.com

eurener energía solar

20 AÑOS YEARS JAHRE ANNI ANS