



## EUROPEAN QUALITY

### Quality

- / Subjected to test electroluminescence
- / IP65 + 1'25m 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)



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



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

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 PLUS 350

Standard - All Black / 320 / 325 / 330 / 335 / 340 / 345 / 350 W

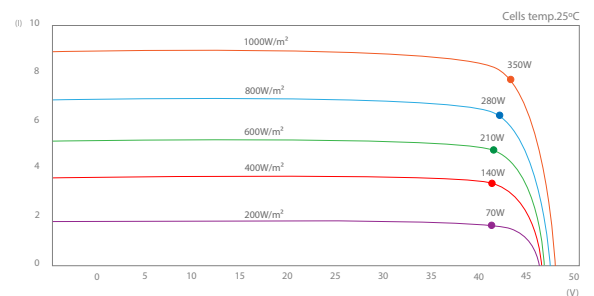
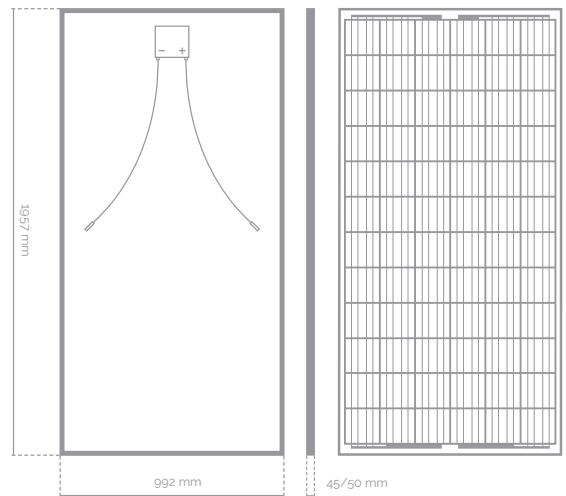
20 years of experience  
15 years warranty product





### 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 (3) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1.25 meter length and 4mm <sup>2</sup> 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
72 cells monocrystalline silicon / 156x156 mm
Weight and dimensions (L x W) +/-1% mm
24 Kg   1957 x 992 x 40/50 mm



### Electric data

Standard - All Black	MEPV 320	MEPV 325	MEPV 330	MEPV 335	MEPV 340	MEPV 345	MEPV 350
Nominal power, P <sub>mpp</sub>	320 W	325 W	330 W	335 W	340 W	345 W	350 W
Tolerance, P <sub>mpp</sub>	0 / +3%						
Area of the module	1.94						
Module efficiency	16.49%	16.75%	17.01%	17.27%	17.53%	17.78%	18.04%
I <sub>sc</sub>	8.83 A	9.1 A	9.17 A	9.25 A	9.33 A	9.40 A	9.48 A
U <sub>oc</sub>	45.44 V	46.69 V	46.92 V	47.17 V	47.31 V	47.56 V	47.78 V
I <sub>mp</sub>	8.29 A	8.38 A	8.46 A	8.53 A	8.60 A	8.66 A	8.74 A
U <sub>mp</sub>	38.60 V	38.80 V	39.00 V	39.25 V	39.55 V	39.85 V	40.05 V
Maximum voltage	1000 V						
α I <sub>sc</sub>	0.042% / °C						
β U <sub>oc</sub>	-0.20% / °C						
γ P <sub>max</sub>	-0.40% / °C						
Temperature range	-40°C to +85°C						
NOCT	48°C ± 2°C						

NOTE: Read the instruction manual of this product and follow the indications. Values are valid for: 1000W/m<sup>2</sup>, AM 1.5 and cell's temperature of 25°C. All the information of this brochure may be amended without notice by Eurener.