



## 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 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

**+3%**

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

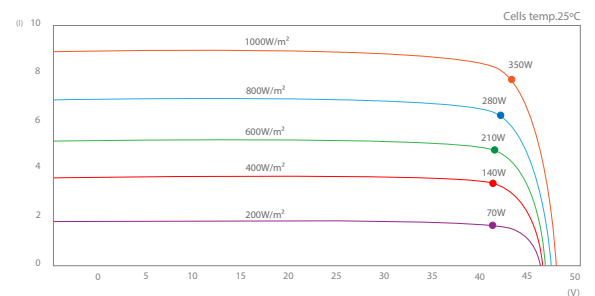
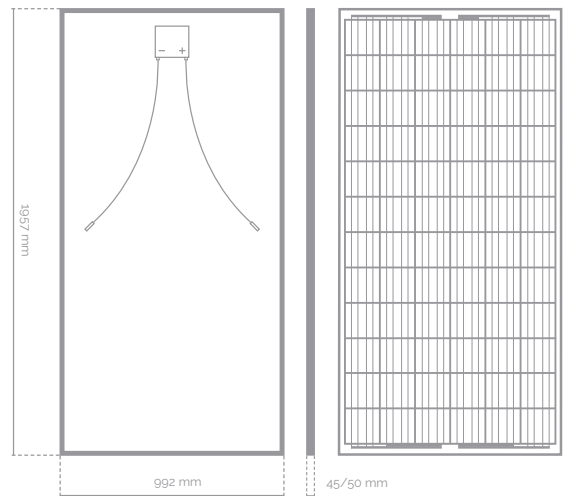
20 years of experience  
15 years warranty product

**eurener**  
energía solar



### Technical features

|   |
|---|
| Frame   |
| Black / 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 I (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.

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