



EUROPEAN QUALITY

Quality

- Ultra-modern production line with Meyer Burger Group technology
- Individual electrical testing by cell sorter
- High transmissivity glass
- Frame with higher mechanical strength
- Anodized aluminum of 0,015 mm thick
- Friendly environment materials and production process

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)
- ISO 9001 / ISO 14001
- OHSAS 18001
- EEE016-20130528-001 (France)

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

12 Warranty product
12 years for product
+15 years of experience

25 Lineal 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".

May 2012, Photon



PEPV - Polycrystalline
250 / 255 / 260 / 265 / 270W

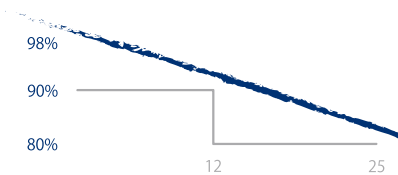
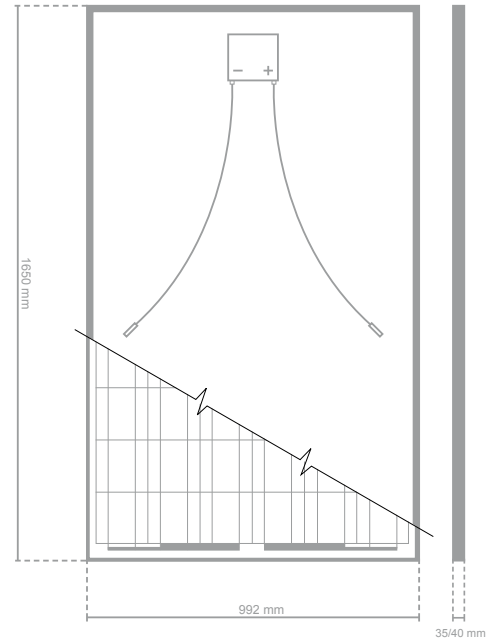
+15 years of experience
12 years warranty product

eurener

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 1.0 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 polycrystalline silicon 6,2" / 156x156 mm |
| Encased cells |
| EVA (ethylen-vinyl-acetate) |

| Weight and dimensions (L x W) +/-1% mm |
|---|
| 20 Kg 1650 x 992 x 35/40 mm |
| Packaging |
| Pallet of modules approved by AIDIMA (independent Institute) |
| Overcome horizontal impact, rotational fall and dynamic compression testing |



25 Lineal performance warranty

Electric data

| | PEPV 250 | PEPV 255 | PEPV 260 | PEPV 265 | PEPV 270 |
|---------------------------------|-----------------|----------|----------|----------|----------|
| Nominal power, P _{mpp} | 250 W | 255 W | 260 W | 265 W | 270 W |
| Tolerance, P _{mpp} | 0 / +3% | 0 / +3% | 0 / +3% | 0 / +3% | 0 / +3% |
| Area of the module | 1,64 | | | | |
| Module efficiency | 15,05% | 15,81% | 16,12% | 16,36% | 16,52% |
| I _{sc} | 8,69 A | 8,76 A | 8,82 A | 8,98 A | 9,12 A |
| U _{oc} | 37,83 V | 37,94 V | 38,10 V | 38,40 V | 39,22 V |
| I _{mpp} | 8,17 A | 8,37 A | 8,47 A | 8,56 A | 8,61 A |
| U _{mpp} | 30,64 V | 30,71 V | 30,83 V | 30,97 V | 31,38 V |
| Maximum voltage | 1000 V | | | | |
| α I _{sc} | 0,075% / °C | | | | |
| β U _{oc} | - 0,312% / °C | | | | |
| γ P _{max} | - 0,405% / °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.