



European production

Factories in Spain and Portugal

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

- Factory Inspection (GSE)
- 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

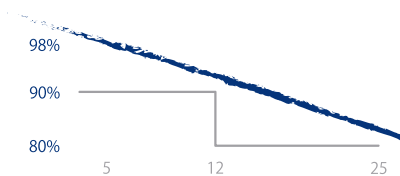
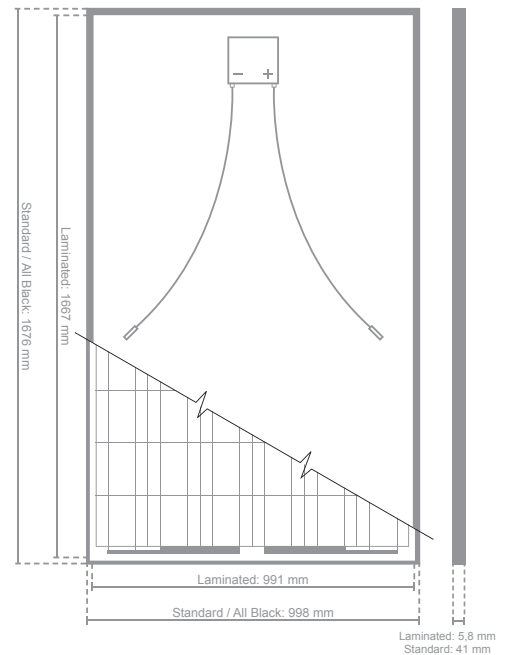
Standard 41 / All Black / Laminated 240 / 245 / 250W

+15 years of experience
12 years warranty product

Technical features

Frame (saving laminated module)
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
4 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 x D) +/-2 mm
Standard / All Black: 21 Kg 1676 x 998 x 41 mm
Laminated: 18,5 Kg 1667 x 991 x 5,8 mm
Packaging
25 modules per pallet
750 modules per truck (30 pallets)
Pallet of modules approved by AIDIMA (independent Institute)
Overcome horizontal impact, rotational fall and dynamic compression testing



25 Lineal performance warranty

Electric data

Standard / All Black / Laminated	PEPV 240	PEPV 245	PEPV 250
Nominal power, P _{mp}	240 W	245 W	250 W
Tolerance, P _{mp}	0 / +3%	0 / +3%	0 / +3%
Area of the module	1,67 / 1,67 / 1,65		
Module efficiency	14,35%	14,65%	14,94%
I _{sc}	8,52 A	8,63 A	8,69 A
U _{oc}	37,51 V	37,79 V	37,83 V
I _{mp}	7,97 A	8,13 A	8,17 A
U _{mp}	30,10 V	30,14 V	30,64 V
Maximum voltage	1000 V		
α I _{sc}	0,075% / °C / 0,08% / °C / 0,075% / °C		
β U _{oc}	- 0,312% / °C / - 0,33% / °C / - 0,312% / °C		
γ P _{max}	- 0,405% / °C / - 0,43% / °C / - 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.

Business Office:
Av. Marqués de Sotelo, 1-4^a
46002 Valencia / Spain
comercial@eurener.com
Tel +34 902 11 28 27
Fax +34 963 94 17 29

Factory in Spain:
C/ Gabriel Miró, 2
03380 Bigastro
Alicante

Factory in Portugal:
Polígono Industrial do Alto do Ameal
Pavilhão B10
2565-641 Ramalhal / Torres Vedras

