



## MEPV Glass·Glass 280 - 300W

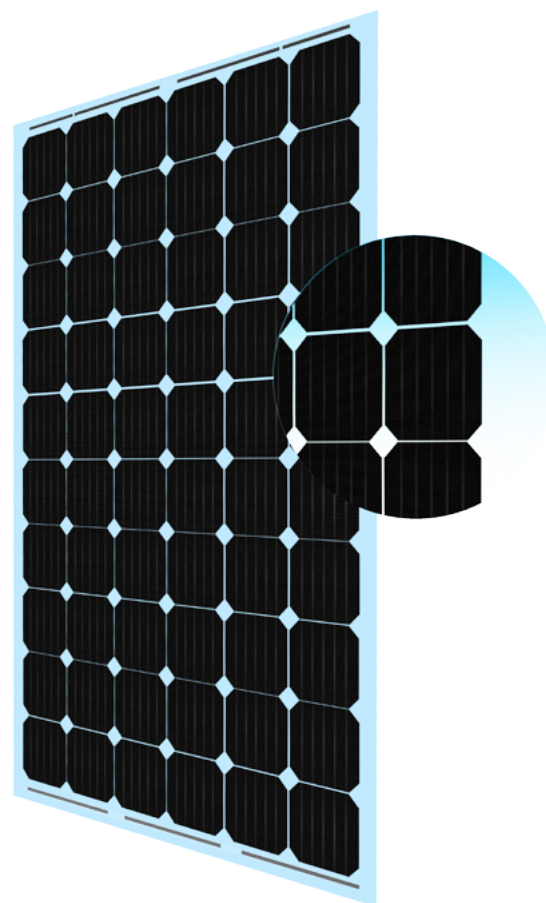
2mm+2mm Thickness | Frameless

### Quality

- / BIPV - Architectural integration
- / Subjected to test electroluminescence
- / High transmissivity glass and high resistance
- / Friendly environment & recyclable materials
- / IP67

### Certificates

- / IEC 61215:2005
- / IEC 61730-1:2004 / IEC 61730-2:2004
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / Frontal load (snow) 5.400 Pa
- / Back load (wind) 2.400 Pa
- / Fire Resistance Certificate
- / MCS (UK)
- / SundaHus
- / ETN



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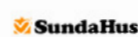
YEARS PRODUCT WARRANTY

25

YEARS PERFORMANCE 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."*



## MEPV Glass·Glass - Monocrystalline

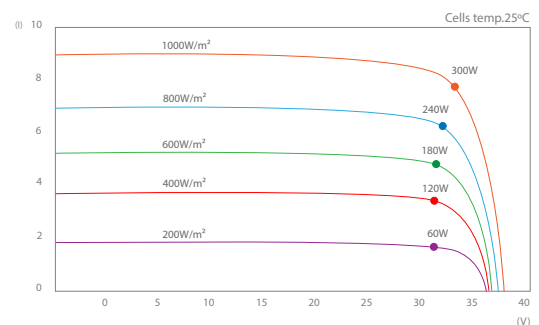
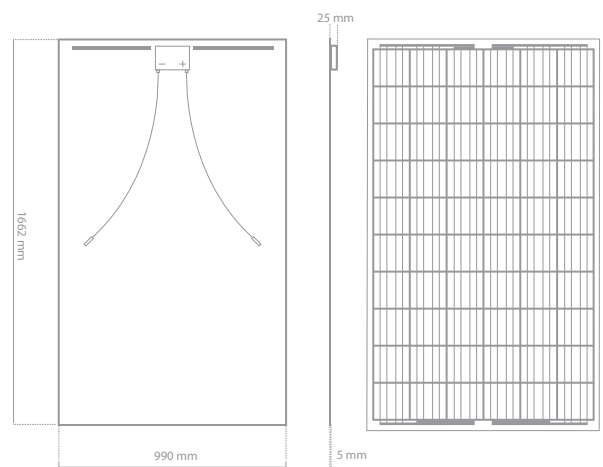
Standard / 285 / 290 / 295 / 300 W





## Technical features

<b>BIPV - Eurener® Architectural Integration</b> Frameless PV module for building integration
Glass
Back Glas   2mm tempered glass/2mm ceramic coated glass
Front Glass   2mm tempered AR glass
Connection box
Sealed, robust and wide for heat dissipation
IP67 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1 meter (±0,1m) length and 4mm <sup>2</sup> section
Fire Class I approval (UNI 9177)
Frontal
2mm+2mm tempered glass
Textured, extra-clear with low iron content
Solar cells
60 cells monocrystalline silicon / 156x156 mm
Weight, dimensions and packaging
19,6 Kg   1662 x 990 x 5 mm(+/-1%)   Packaging: 988 pcs-truck



## Electric data

Standard	MEPV 285 - GG	MEPV 290 - GG	MEPV 295 - GG	MEPV 300 - GG
Nominal power, P <sub>mpp</sub>	285 W	290 W	295 W	300 W
Tolerance, P <sub>mpp</sub>	0 / +5W	0 / +5W	0 / +5W	±3W
Area of the module	1,61			
Module efficiency	17,30%	17,60%	17,90%	18,20%
I <sub>sc</sub>	9,49 A	9,59 A	9,75 A	9,81 A
U <sub>oc</sub>	38,50 V	38,70 V	39,40 V	39,80 V
I <sub>mpp</sub>	8,96 A	9,02 A	9,08 A	9,18 A
U <sub>mpp</sub>	31,80 V	32,20 V	32,50 V	32,70 V
Maximum voltage	1000 V			
α I <sub>sc</sub>	0,05% / °C			
β U <sub>oc</sub>	- 0,20% / °C			
γ P <sub>max</sub>	- 0,39% / °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/m<sup>2</sup>, AM 1.5 and cell's temperature of 25°C. Measurement tolerance +/3%. All the information of this brochure may be amended without notice by Eurener.