



MEPV 310-330W

Transparent Backsheet | 5 Busbar | IP68

Quality

- / BIPV - Architectural integration
- / Frame with higher mechanical strength and air chamber
- / Friendly environment & recyclable materials
- / High transmissivity glass and high resistance
- / Electroluminescence test
- / IP68 - 6 diodes

Certificates

- / IEC 61215
- / IEC 61730
- / 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
- / Fire Resistance Certificate
- / Back load (wind) 2.400 Pa
- / MCS (UK)
- / SundaHus
- / ETN



15

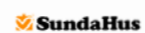
YEARS PRODUCT WARRANTY

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 [...] It 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 HALF-CUT

Standard - Black - Frameless - All Black / 310 / 320 / 330 W



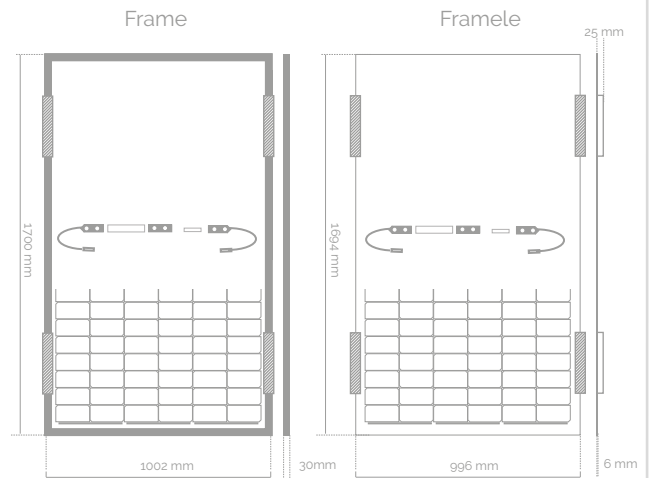
EUROPEAN QUALITY

eurener
energía solar

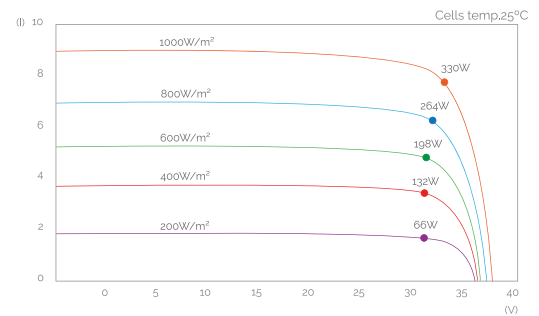


Technical features

Frame
Silver / Black anodized aluminium 0.015 mm
Robust and resistant to corrosion
Built-in plug
Glass
Back Glas 2mm tempered glass
Front Glass 2mm tempered ARC glass
Connection box
Sealed, robust and wide for heat dissipation
IP67/IP68 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible
Cables 300 mm (±0,1m) length and 4mm ² section
Fire Class I approval (UNI 9177)
Frontal
2mm+2mm tempered glass
Textured, extra-clear with low iron content
Solar cells
120 [2x(10x6)] cells monocrystalline silicon
Weight, dimensions and packaging
Frame: 24 Kg 1700 x 1002 x 30 mm(+/-1%) Pack: 910 pcs-truck
Frameless: 24 Kg 1694 x 996 x 6 mm(+/-1%) Pack: 910 pcs-truck



CLAMPING AREA for clamping on long side of PV panel



Electric data

Standard - Black - Frameless - All Black	MEPV 310 - GG	MEPV 320 - GG	MEPV 330 - GG
Nominal power, P _{mpp}	310 W	320W	330 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +1W
Area of the module		1,7	
Module efficiency	18,2%	18,8%	19,52 %
I _{sc}	9,93 A	9,96 A	10,39 A
V _{oc}	40,20 V	40,85 V	40,99 V
I _{mpp}	9,67 A	9,88 A	9,83 A
V _{mpp}	32,06 V	32,39 V	33,60 V
Maximum voltage		1,500 V	
α I _{sc}		0,05 % / °C	
β V _{oc}		- 0,32 % / °C	
γ P _{max}		- 0,39 % / °C	
Temperature range		- 40°C - +85°C	
NOCT. Nominal Operating Cell Temperature		42 ± 2°C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1.5 and cell's temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9). All the information of this brochure may be amended without notice by Eurener.