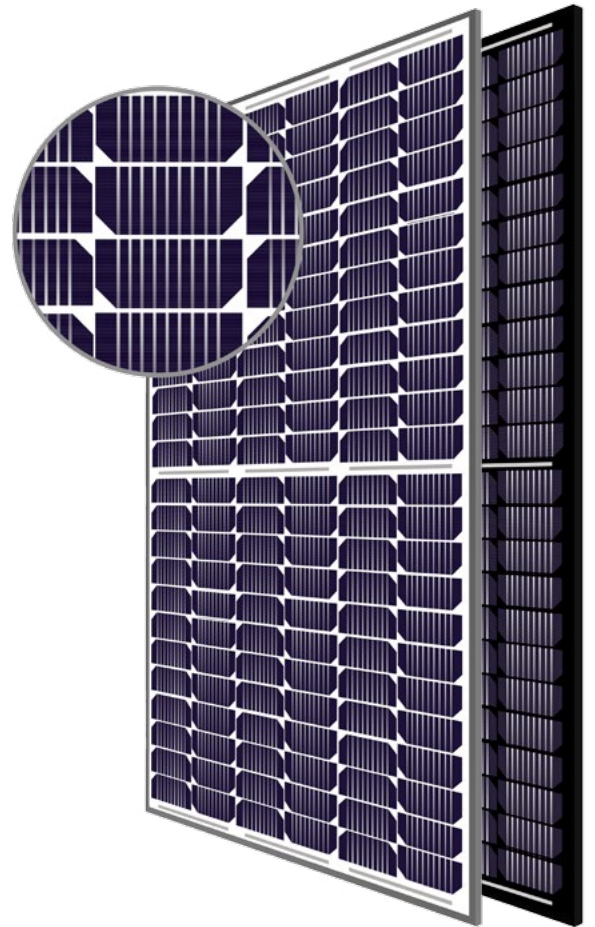




MEPV 390 - 415W

9 Busbar | Half-cut | IP68



Quality

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

Certificates

- / IEC 61215
- / IEC 61730
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / EE016-20130528-001 (France)
- / 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 Half-cut 144

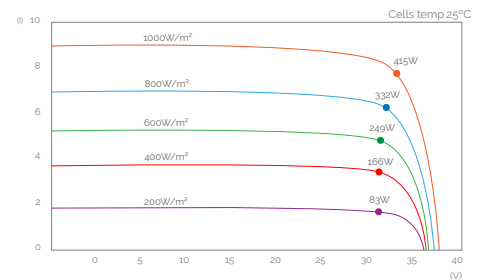
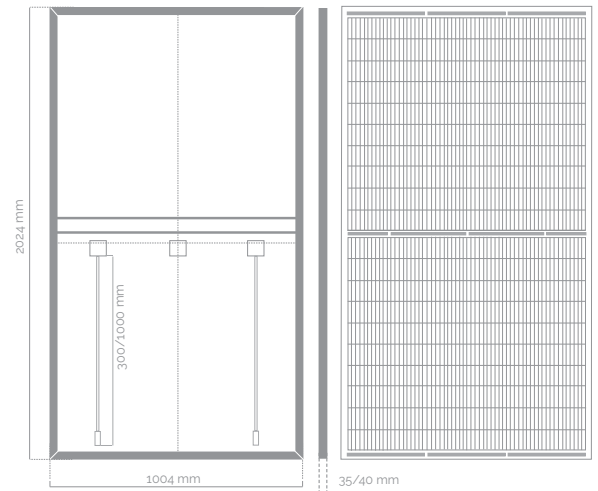
Standard - Black / 390 / 395 / 400 / 405 / 410 / 415 W





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
IP67/IP68 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible
Cables 300/1000mm (±0,1m) length and 4mm ² section
Fire Class I approval (UNI 9177)
Frontal
3,2 mm ARC tempered glass
Textured, extra-clear with low iron content
Solar cells
144 [2X(12X6)] cells monocrystalline silicon
Weight, dimensions and packaging
22,5 Kg 2024 x 1004 x 35mm(+/-1%) Pack: 638 pcs-truck
22,8 Kg 2024 x 1004 x 40mm(+/-1%) Pack: 638 pcs-truck



Electric data

Standard - Black	MEPV 390 - HC	MEPV 395 - HC	MEPV 400 - HC	MEPV 405 - HC	MEPV 410 - HC	MEPV 415 - HC
Nominal power, P _{mpp}	390 W	395 W	400 W	405 W	410 W	415 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	2,03					
Module efficiency	19,20%	19,40%	19,70%	19,90 %	20,02%	20,40 %
I _{sc}	10,25 A	10,29 A	10,33 A	10,37 A	10,41 A	10,45 A
U _{oc}	48,50 V	48,70 V	48,90 V	49,10 V	49,30 V	49,50 V
I _{mpp}	9,71 A	9,76 A	9,81 A	9,86 A	9,91 A	9,96 A
U _{mpp}	40,20 V	40,50 V	40,80 V	41,10 V	41,40 V	41,70 V
Maximum voltage	1000 V - 1500 V					
α I _{sc}	0,05% / °C					
β U _{oc}	- 0,29% / °C					
γ P _{max}	- 0,37% / °C					
Temperature range	- 45°C to +85°C					
NOCT. Nominal Operating Cell Temperature	41°C ± 3°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.