

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK » 410Wp

QUALITY »



120 cells

Half-Cut monocrystalline



10 busbar

Advanced technology



**FIRE
CLASS I**
UNI 9177

Fire resistance
Maximum protection



+5W

Positive power tolerance



Avoid losses

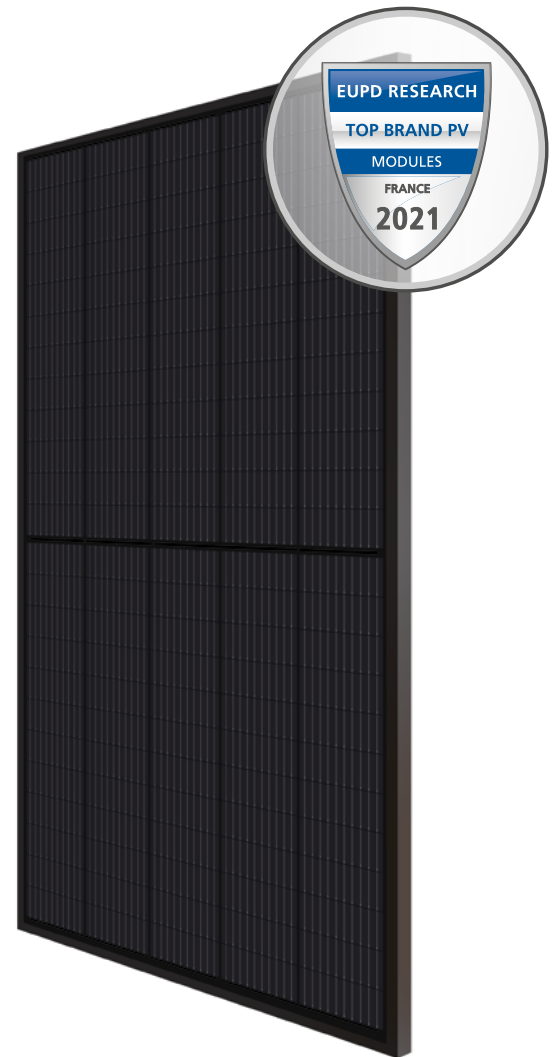
Better shading tolerance



+20%

Efficiency

Over 20% efficiency



25 YEARS
KNOW
HOW
SINCE
* 1997

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_10BB_410Wp_2021EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 or compatible

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

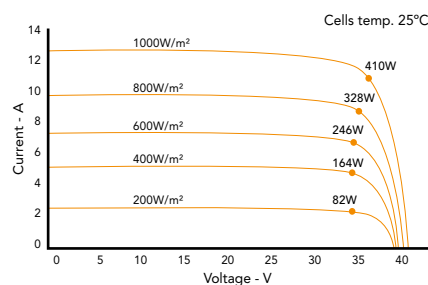
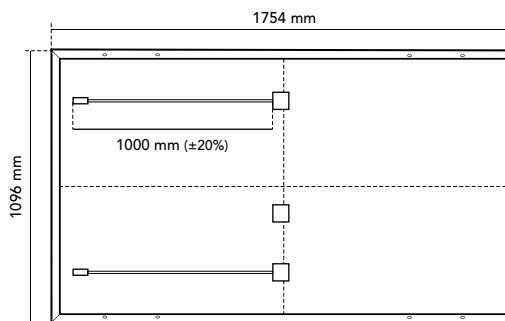
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 [2x(12x5)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

21 Kg | 1754 x 1096 x 30 mm ($\pm 1\%$) | Pack: 936 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 410
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{mpp}	410 W _p
Tolerance. P _{mpp}	0 / +5 W
Area of the module	1,92 m ²
Module efficiency	21,33 %
I _{sc}	12,40 A
V _{oc}	41,6 V
I _{mpp}	11,85 A
V _{mpp}	34,6 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{mpp}	310 W
I _{sc}	9,99 A
V _{oc}	39,1 V
I _{mpp}	9,46 A
V _{mpp}	32,8 V
Operating parameters. Temperature coefficients	
Maximum voltage	1500 V
Maximum series fuse rating. I _r	20 A
α I _{sc}	0,04 % / °C
β V _{oc}	- 0,25 % / °C
γ P _{max}	- 0,34 % / °C
Temperature range	- 40 °C ~ + 85 °C
NOCT	43 ± 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², A.M. 1,5 and cells 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. Eurener_MEPV 120_HALF-CUT_10BB_410Wp_EN_NOV2021

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More than energy!

"More than energy" means being able to generate electricity in a clean and respectful way and to integrate photovoltaics with the least visual impact...