

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK » 410Wp

QUALITY »



120 cells
Half-Cut monocrystalline



MBB technology
Better light absorption



Fire resistance
Maximum protection



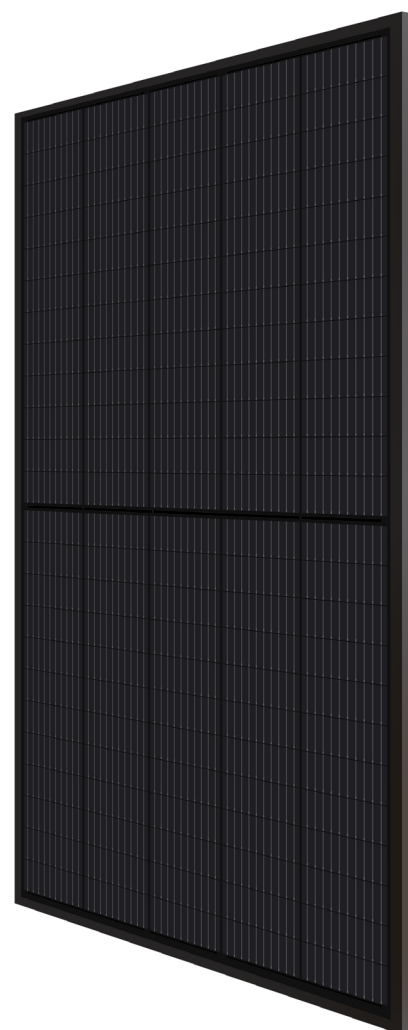
+5W
Positive power tolerance



Avoid losses
Better shading tolerance



Efficiency
Over 21% efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY ***

PREMIUM PARTNER WARRANTY »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_410Wp_2022EN

FRAME

Black anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 compatible

Application Class A. Safety Class II

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

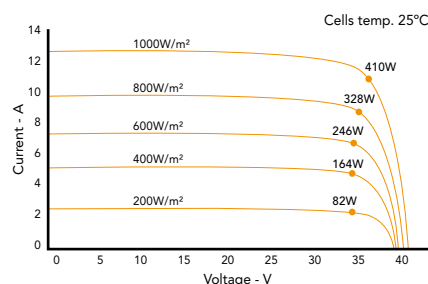
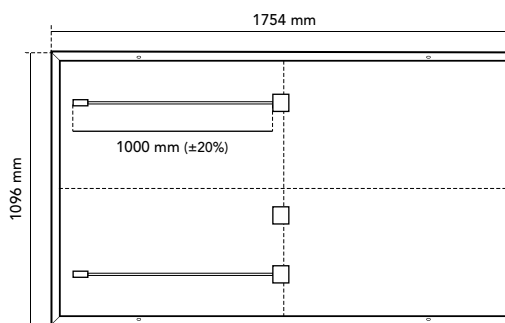
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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/m², module temperature 25°C, AM 1,5	
Nominal power. P _{mp}	410 Wp
Tolerance. P _{mp}	0 / +5 W
Area of the module	1,92 m²
Module efficiency	21,33 %
I _{sc}	12,40 A
V _{oc}	41,60 V
I _{mp}	11,85 A
V _{mp}	34,60 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5	
Nominal power. P _{mp}	310,29 W
I _{sc}	9,99 A
V _{oc}	39,10 V
I _{mp}	9,46 A
V _{mp}	32,80 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, AM 1,5 and cells temperature of 25°C. Measurement tolerance $\pm 3\%$ (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_410Wp_EN_MAR2022

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