

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK » 375Wp

QUALITY »



120 cells
Half-Cut monocrystalline



9 busbar
Advanced technology



Fire resistance
Maximum protection



Long durability
Continuous performance



Avoid losses
Better shading tolerance



Efficiency
Over 20% efficiency



*** EUROPEAN QUALITY

25 YEARS
KNOW
HOW
SINCE
* 1997

PREMIUM PARTNER WARRANTY »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_9BB_375Wp_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

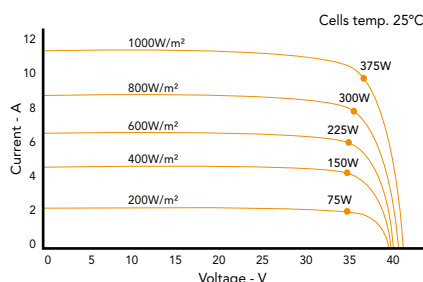
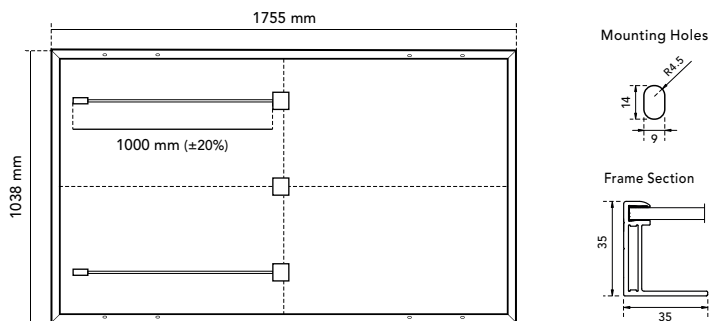
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

120 [2x(10x6)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

19,2 Kg | 1755 x 1038 x 35 mm ($\pm 1\%$) | Pack: 832 pcs-truck



ELECTRIC DATA »

BLACK	MEPV 375
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. P _{mpp}	375 Wp
Tolerance. P _{mpp}	0 / +5 W
Area of the module	1,82 m ²
Module efficiency	20,58 %
I _{sc}	11,46 A
V _{oc}	41,50 V
I _{mpp}	10,95 A
V _{mpp}	34,28 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. P _{mpp}	282,2 W
I _{sc}	9,23 A
V _{oc}	39,18 V
I _{mpp}	8,76 A
V _{mpp}	32,22 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	20 A
α I _{sc}	0,04 % / °C
β V _{oc}	- 0,29 % / °C
γ P _{max}	- 0,37 % / °C
Temperature range	- 40°C ~ + 85°C
NOCT	42 \pm 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 +/-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_9BB_375Wp_EN_DEC2021

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