

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

STANDARD - BLACK - ZEBRA »
375 / 380 Wp

QUALITY »



120 cells

Half-Cut monocrystalline



9 busbar

Advanced technology



**FIRE
CLASS I**
UNI 9177

Fire resistance
Maximum protection



Long durability
Continuous performance



Avoid losses
Better shading tolerance



+20%
Efficiency
Over 20% efficiency



☆☆☆ EUROPEAN QUALITY

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_9BB_375-380Wp_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

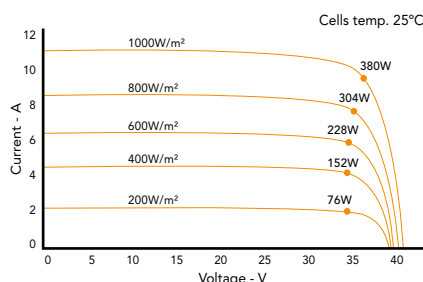
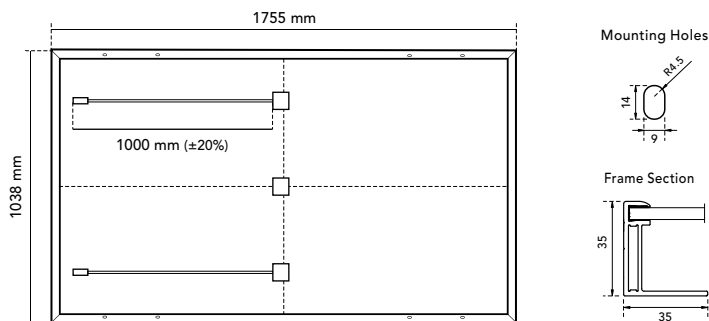
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

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 »

STANDARD - BLACK - ZEBRA	MEPV 375	MEPV 380
STC 1000 W/m ² . Module Temperature 25°C AM1,5		
Nominal power. P _{mpp}	375 Wp	380 Wp
Tolerance. P _{mpp}	±1 W	±1 W
Area of the module	1,82 m ²	
Module efficiency	20,5 %	20,88 %
I _{sc}	11,46 A	11,55 A
V _{oc}	41,50 V	41,70 V
I _{mpp}	10,95 A	11,03 A
V _{mpp}	34,28 V	34,47 V
NOCT 800 W/m ² Environment. Temperature 20°C AM 1,5		
Nominal power. P _{mpp}	282,2 W	283,09 W
I _{sc}	9,23 A	9,30 A
V _{oc}	39,18 V	38,57 V
I _{mpp}	8,76 A	8,88 A
V _{mpp}	32,22 V	31,88 V
Operating Parameters. Temperature Coefficients		
Maximum voltage	1.000 - 1.500 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 ± 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_375-380Wp_EN_SEP2021

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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...