

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

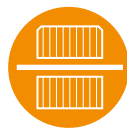
STANDARD - BLACK - ZEBRA »
360 / 365 / 370 / **375 W**

QUALITY »



120 cells

Half-Cut monocrystalline



9 busbar

Advanced technology



Reduced BOS

Cost effective product



Long durability

Continuous performance



Avoid losses

Better shading tolerance



Efficiency

Over 20% efficiency



25 YEARS
KNOW
HOW
SINCE
* 1997

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PREMIUM WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_HALF-CUT_360-375W_9BB_2021EN

FRAME

Black / Silver anodized aluminium 0,015 mm

Robust and resistant to corrosion

Grounding holes. (For more information please contact our sales team)

CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 or compatible

Cables 300/900 mm ($\pm 0,1$ m) length and 4 mm² section

Fire Class I approval (UNI 9177)

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

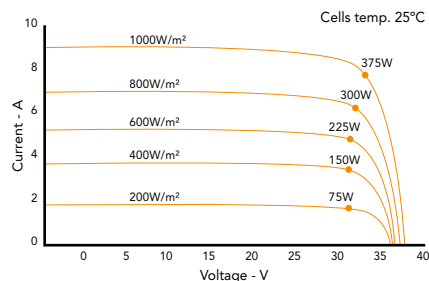
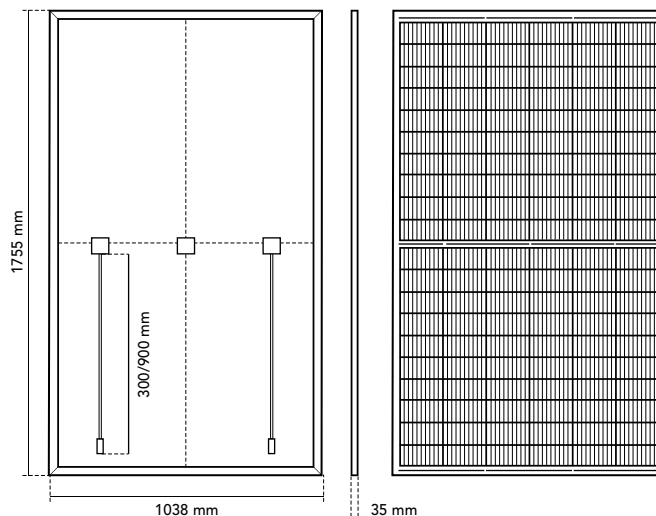
SOLAR CELLS

120 [2x(10x6)] cells monocrystalline silicon. Available in:

Squared cells  Cut cells 

WEIGHT, DIMENSIONS AND PACKAGING

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



ELECTRIC DATA »

STANDARD - BLACK - ZEBRA	MEPV 360	MEPV 365	MEPV 370	MEPV 375
Dimensions	1755 x 1038 x 35 mm	1755 x 1038 x 35 mm	1755 x 1038 x 35 mm	1755 x 1038 x 35 mm
Nominal power. P _{mpp}	360 W	365 W	370 W	375 W
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W	0 / +5 W	±1 W
Area of the module	1,82 m ²			
Module efficiency	19,78 %	20,05 %	20,33 %	20,60 %
I _{sc}	11,20 A	11,28 A	11,37 A	11,46 A
V _{oc}	40,90 V	41,10 V	41,30 V	41,50 V
I _{mpp}	10,69 A	10,77 A	10,86 A	10,95 A
V _{mpp}	33,68 V	33,89 V	34,08 V	34,28 V
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 Nominal Operating Cell Temperature	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_360-375W_9BB_EN_APR2021

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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...