

Monocrystalline Photovoltaic Module »



MEPV 120 GLASS-GLASS HALF-CUT

STANDARD - BLACK -
FRAMELESS - ALL BLACK »
310 / 320 / **330 W**

QUALITY »



120 cells

Half-Cut monocrystalline



BIPV

Architectural integration



+5W

Positive power tolerance



Translucent

Light can pass through it



Long durability

Continuous performance



5.400 Pa
2.400 Pa

Load endurance

Front load / Back load



EUPD RESEARCH
TOP BRAND PV
MODULES
FRANCE
2021



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_GLASS-GLASS HALF-CUT_310-330W_5BB_2021EN

FRAME

Black / Silver anodized aluminium 0,015 mm

Robust and resistant to corrosion

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

GLASS

Back Glas | 2 mm tempered glass / 2 mm ceramic coated glass

Front Glass | 2mm tempered ARC glass

CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 or compatible

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

Fire Class I approval (UNI 9177)

FRONTAL

2 mm + 2 mm tempered glass

Textured, extra-clear with low iron content

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

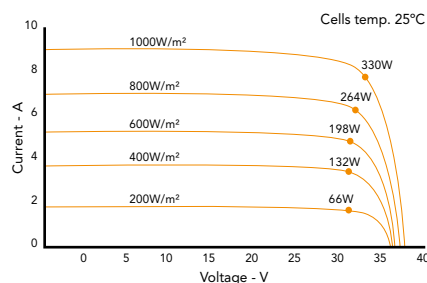
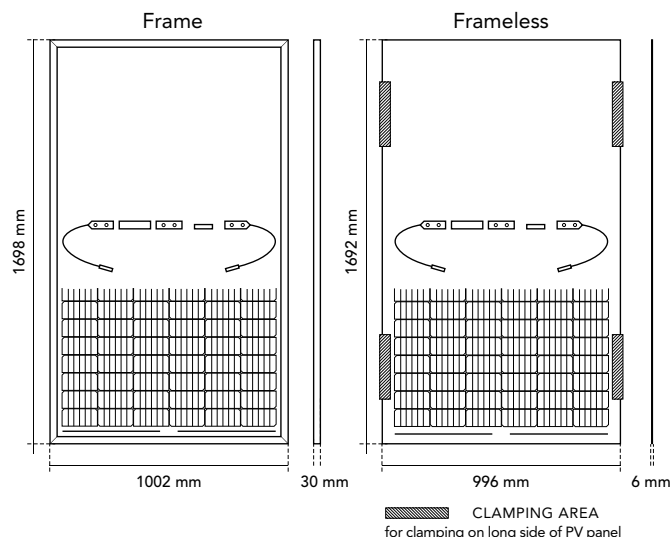
SOLAR CELLS

120 cells monocrystalline silicon. Available in: Squared and cut cells

WEIGHT, DIMENSIONS AND PACKAGING

Frame: 24 Kg | 1698 x 1002 x 30 mm (+/-1%) | Pack: 910 pcs-truck

Frameless: 24 Kg | 1692 x 996 x 6 mm (+/-1%) | Pack: 910 pcs-truck



ELECTRIC DATA »

STANDARD - BLACK - FRAMELESS - ALL BLACK	MEPV 310	MEPV 320	MEPV 330
Dimensions	1698 x 1002 x 30 mm 1692 x 996 x 6 mm	1698 x 1002 x 30 mm 1692 x 996 x 6 mm	1698 x 1002 x 30 mm 1692 x 996 x 6 mm
Nominal power. P _{mpp}	310 W	320 W	330 W
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W	±1 W
Area of the module	1,7 m ² 1,68 m ²		
Module efficiency	18,24 % 18,45 %	18,82 % 19,05 %	19,41 % 18,64 %
I _{sc}	9,93 A	9,96 A	10,39 A
V _{oc}	40,20 V	40,85 V	40,99 V
I _{mpp}	9,67 A	9,88 A	9,83 A
V _{mpp}	32,06 V	32,39 V	33,60 V
Maximum voltage	1.000 - 1.500 V		
Maximum series fuse rating. I _r	15 A		
α I _{sc}	0,05 % / °C		
β V _{oc}	- 0,32 % / °C		
γ P _{max}	- 0,39 % / °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_GLASS-GLASS HALF-CUT_310-330W_5BB_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...