TECHNICAL FEATURES »
Eurener_MEPV 80_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 (±20%) length and 4 mm² section

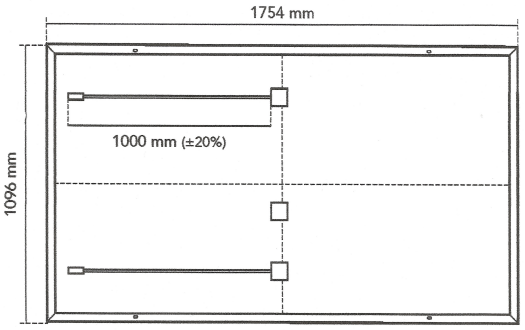
FRONTAL
3,2 mm thick tempered glass with high strength and ARC

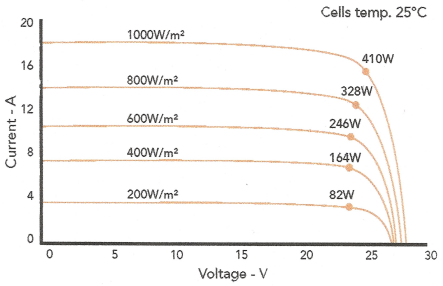
Textured, extra-clear with low iron content

Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS
80 [2x(8x5)] cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING
21 Kg | 1754 x 1096 x 30 mm (±1%) | Pack: 936 pcs-truck





ELECTRIC DATA »

BLACK	MEPV 410
STC: 1000 W/m², module temperature 25°C, AM 1,5	
Nominal power. Pmax	410 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,92 m²
Module efficiency	21,33 %
Isc	18,53 A
Voc	28,15 V
Imp	17,48 A
Vmp	23,46 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5	
Nominal power. Pmax	311,11 W
Isc	15,65 A
Voc	25,86 V
Imp	14,62 A
Vmp	21,28 V
Operating parameters. Temperature coefficients	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	20 A
α Isc	0,04 % / °C
β Voc	- 0,25 % / °C
γ Pmax	- 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 +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

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1997 TO 2022
25TH
ANNIVERSARY

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25 years manufacturing a better world

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.