

Monocrystalline Photovoltaic Module »



# MEPV 80 HALF-CUT

## BLACK » 410Wp

### QUALITY »



**80 cells**  
Half-Cut monocrystalline



**MBB technology**  
Better light absorption



**Fire resistance**  
Maximum protection



**+5W**  
Positive power tolerance



**Avoid losses**  
Better shading tolerance



**Efficiency**  
Over 21% efficiency



### WARRANTIES »

**15 YEARS PRODUCT WARRANTY**

**25 YEARS PERFORMANCE WARRANTY**  
Linear Warranty

**PRODUCT WARRANTY**  
for Premium Partners

**+5**  
YEARS

### CERTIFICATES »



## 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 ( $\pm 20\%$ ) length and 4 mm<sup>2</sup> section

#### FRONTAL

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

Textured, extra-clear with low iron content

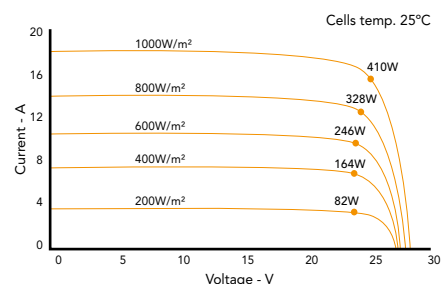
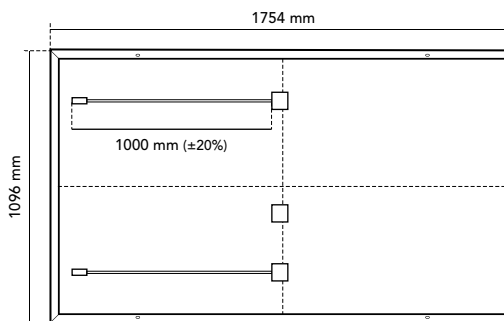
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

#### SOLAR CELLS

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

#### WEIGHT, DIMENSIONS AND PACKAGING

21 Kg | 1754 x 1096 x 30 mm ( $\pm 1\%$ ) | Pack: 936 pcs-truck



## ELECTRIC DATA »

BLACK	MEPV 410
STC: 1000 W/m <sup>2</sup> , 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 m <sup>2</sup>
Module efficiency	21,33 %
Isc	18,53 A
Voc	28,15 V
Imp	17,48 A
Vmp	23,46 V
NOCT: 800 W/m <sup>2</sup> , 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
$\alpha$ Isc	0,04 % / °C
$\beta$ Voc	- 0,25 % / °C
$\gamma$ Pmax	- 0,34 % / °C
Temperature range	- 40 °C ~ + 85 °C
NOCT	43 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m<sup>2</sup>, AM 1,5 and cells temperature of 25°C. Measurement tolerance  $\pm 3\%$  (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener\_MEPV 80\_HALF-CUT\_410Wp\_EN\_SEP2022

1997 to 2022  
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ANNIVERSARY

[www.eurenergroupp.com](http://www.eurenergroupp.com)  
contact@eurenerworld.com  
+34 960 045 515  
Calle Colón, 1-23  
46004, Valencia. Spain

### 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.