

Monocrystalline Photovoltaic Module »



# MEPV 120 ULTRA PREMIUM

## BLACK » 400 W<sub>p</sub>

### QUALITY »



**IBC technology**  
Interdigitated  
back contact



**N-type cell**  
120 Half-Cut IBC



**Connector MC4**  
Top quality components



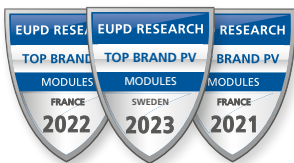
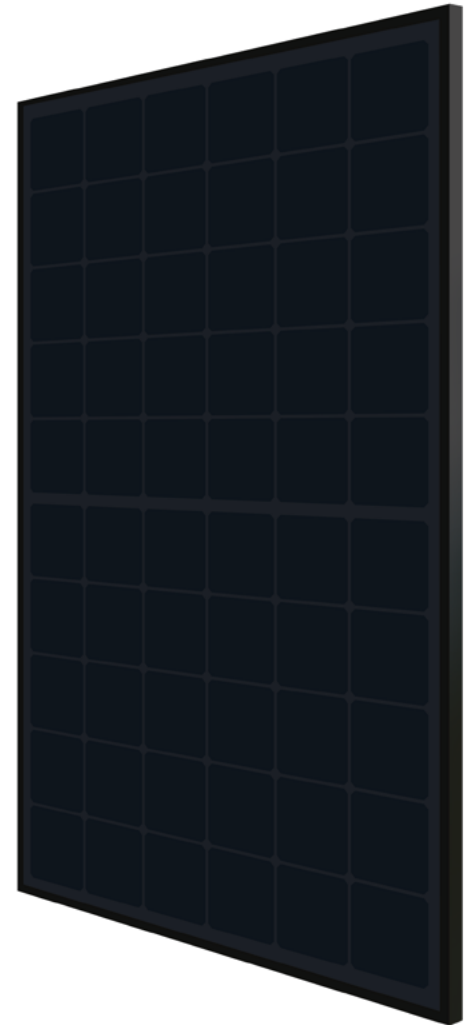
**Premium integration**  
Total black



**Long durability**  
90% at the 30th year



**Efficiency**  
Over 22% efficiency

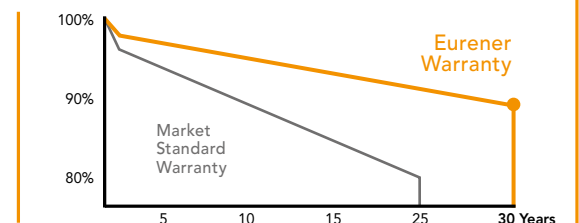


\*\*\* EUROPEAN QUALITY \*\*\*

### WARRANTIES »

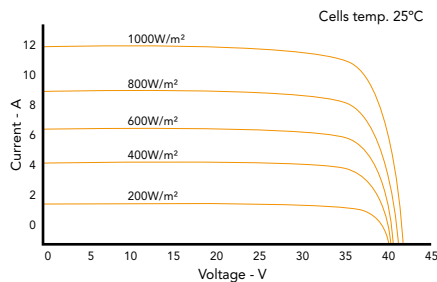
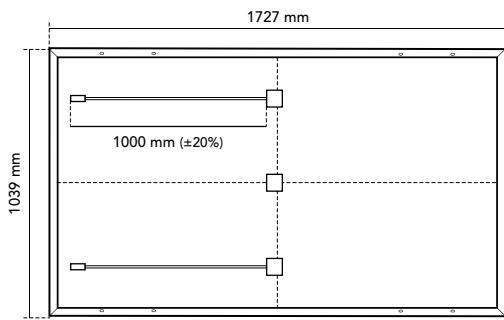
**20 YEARS PRODUCT WARRANTY**  
+5 years for Premium Partners

**30 YEARS PERFORMANCE WARRANTY**  
Linear Warranty



### CERTIFICATES »





**FRAME**

Black anodized aluminium

Robust and resistant to corrosion

**JUNCTION BOX**

Sealed, robust and wide for heat dissipation

IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4

Cables 1000 mm (±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**

120 (6x20) N-type cells monocrystalline silicon

**WEIGHT AND DIMENSIONS**

20 Kg | 1727 x 1039 x 30 mm (±1%) | Pack: 949 pcs-truck

**ELECTRIC DATA »**

BLACK	MEPV 400
<b>STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1,5</b>	
Nominal power. Pmax	400 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,79 m <sup>2</sup>
Module efficiency	22,31 %
Isc	12,05 A
Voc	42,10 V
Imp	11,09 A
Vmp	36,10 V
<b>NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1,5</b>	
Nominal power. Pmax	306,52 W
Isc	9,72 A
Voc	40,23 V
Imp	8,96 A
Vmp	34,23 V
<b>Operating parameters. Temperature coefficients</b>	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	20 A
α Isc	0,045 % / °C
β Voc	- 0,247 % / °C
γ Pmax	- 0,290 % / °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/m<sup>2</sup>, 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\_ULTRA PREMIUM\_400Wp\_EN\_MAY2023



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

**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.