

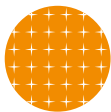
Monocrystalline Photovoltaic Module »



MEPV 156 ULTRA

STANDARD » 470 Wp

QUALITY »



Advanced technology
No busbars



Efficiency
Over 20% efficiency



Lead free
Respectful environment



No hot spots
Lower internal current



No soldering
Increasing production



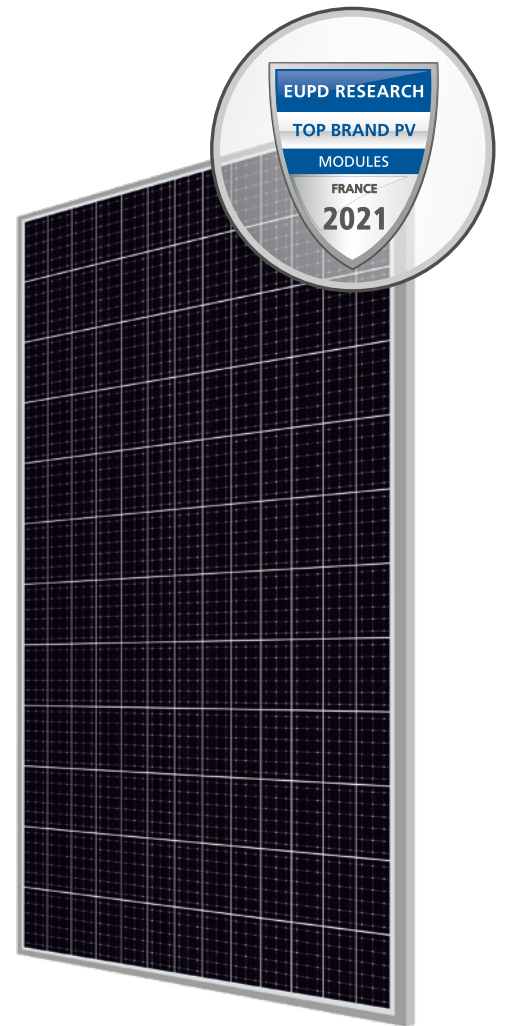
Reduced BOS
Cost effective product



Fire resistance
Maximum protection



Long durability
Continuous performance



25 YEARS
KNOW
HOW
SINCE
* 1997

WARRANTIES »

15 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 156_ULTRA HALF-CUT_470Wp_2021EN

FRAME

Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 or compatible

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

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

Textured, extra-clear with low iron content

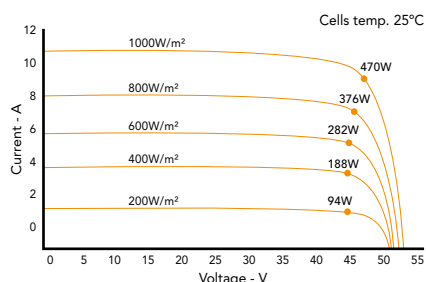
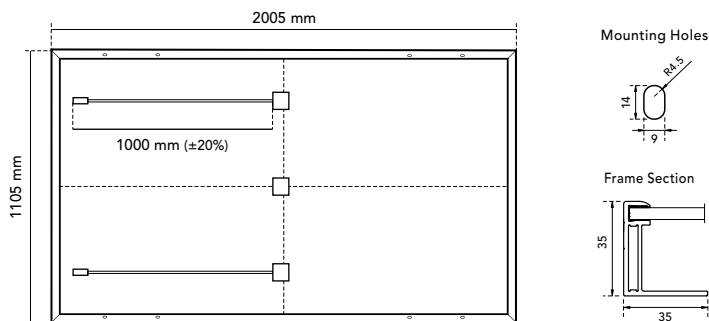
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

156 (12x13) cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 2005 x 1105 x 35 mm ($\pm 1\%$) | Pack: 682 pcs-truck



ELECTRIC DATA »

STANDARD	MEPV 470
STC 1000 W/m ² . Module Temperature 25°C AM1,5	
Nominal power. P _{mpp}	470 W _p
Tolerance. P _{mpp}	± 1 W
Area of the module	2,21 m ²
Module efficiency	21,3 %
I _{sc}	11,04 A
V _{oc}	53,5 V
I _{mpp}	10,57 A
V _{mpp}	44,5 V
NOCT 800 W/m ² Environment. Temperature 20°C AM 1,5	
Nominal power. P _{mpp}	354 W
I _{sc}	9,13 A
V _{oc}	49,9 V
I _{mpp}	8,64 A
V _{mpp}	41,0 V
Operating Parameters. Temperature Coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I _r	15 A
α I _{sc}	0,06 % / °C
β V _{oc}	- 0,28 % / °C
γ P _{max}	- 0,36 % / °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/m², 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 156_ULTRA HALF-CUT_470Wp_EN_SEP2021

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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...