

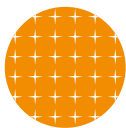
Monocrystalline Photovoltaic Module »



# MEPV 156 ULTRA HALF-CUT

STANDARD »  
450 / 455 / 460 / 465 / 470 W

## QUALITY »



**MWT**  
Advanced technology



**Efficiency**  
Over 20% efficiency



**Lead free**  
Respectful environment



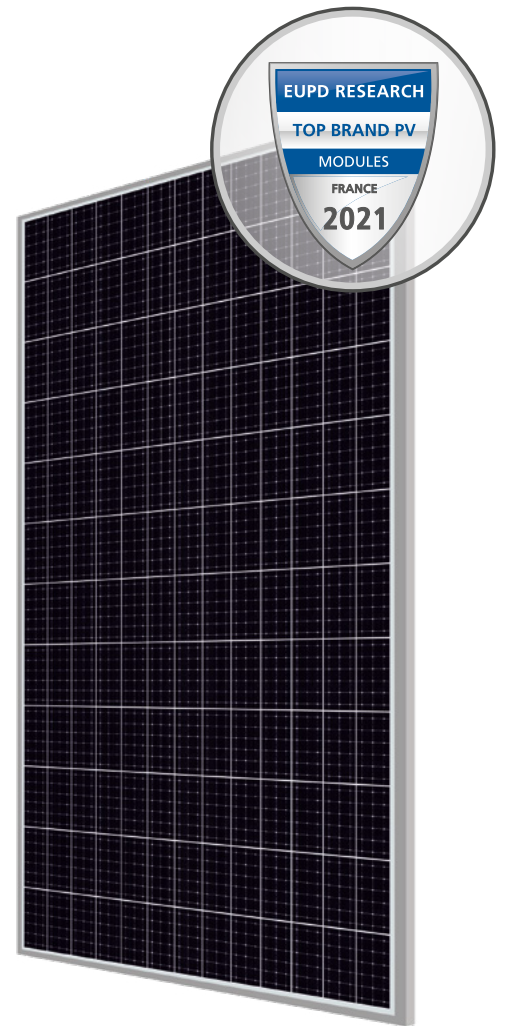
**No hot spots**  
Lower internal current



**Long durability**  
Continuous performance



**No welding**  
Increasing production



**25** YEARS  
KNOW  
HOW  
SINCE  
1997

## WARRANTIES »

**15** YEARS PRODUCT WARRANTY

**30** YEARS PERFORMANCE WARRANTY  
Linear Warranty

**PREMIUM WARRANTY**  
for Premium Partners

**+5**  
YEARS

## CERTIFICATES »



## TECHNICAL FEATURES »

### Eurener\_MEPV 156\_ULTRA HALF-CUT\_450-470W\_2021EN

#### FRAME

Silver anodized aluminium 0,015 mm

Robust and resistant to corrosion

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

#### CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 or compatible

Cables 300 mm ( $\pm 0,1$  m) length and 4 mm<sup>2</sup> section

Fire Class I approval (UNI 9177)

#### 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

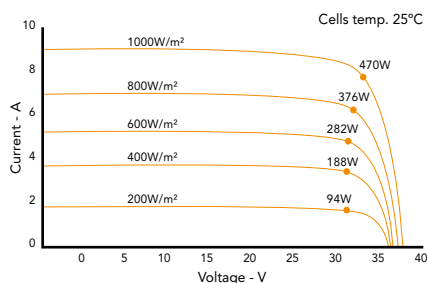
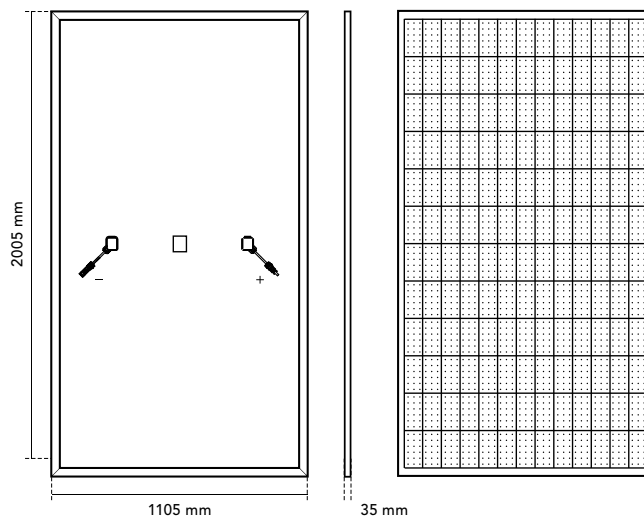
#### SOLAR CELLS

156(12x13) cells monocrystalline silicon. Available in:

Squared cells  Cut cells 

**WEIGHT, DIMENSIONS AND PACKAGING**

26 Kg | 2005 x 1105 x 35 mm (+/-1%) | Pack: 682 pcs-truck



## ELECTRIC DATA »

STANDARD	MEPV 450	MEPV 455	MEPV 460	MEPV 465	MEPV 470
Dimensions	2005 x 1105 x 35 mm	2005 x 1105 x 35 mm	2005 x 1105 x 35 mm	2005 x 1105 x 35 mm	2005 x 1105 x 35 mm
Nominal power. Pmpp	450 W	455 W	460 W	465 W	470 W
Tolerance. Pmpp	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W	±1 W
Area of the module	2,21 m <sup>2</sup>				
Module efficiency	20,3 %	20,5 %	20,8 %	21,0 %	21,3 %
Isc	10,79 A	10,86 A	10,93 A	10,98 A	11,04 A
Voc	52,7 V	52,9 V	53,1 V	53,3 V	53,5 V
Ipp	10,30 A	10,37 A	10,44 A	10,50 A	10,57 A
Vmpp	43,7 V	43,9 V	44,1 V	44,3 V	44,5 V
Maximum voltage	1.000 - 1.500 V				
Maximum series fuse rating. Ir	15 A				
$\alpha$ Isc	0,06 % / °C				
$\beta$ Voc	- 0,28 % / °C				
$\gamma$ Pmax	- 0,36 % / °C				
Temperature range	- 40°C ~ + 85 °C				
NOCT Nominal Operating Cell Temperature	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 156\_ULTRA HALF-CUT\_450-470W\_EN\_MAY2021

**Please contact us » [www.eurenergroupp.com](http://www.eurenergroupp.com)**

[contact@eurenerworld.com](mailto:contact@eurenerworld.com)

+34 960 045 515

Calle Colón, 1-23  
46004, Valencia. Spain

#### 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...