

Monocrystalline Photovoltaic Module »



MEPV 72 TURBO PLUS

STANDARD - BLACK - ZEBRA »
385 / 390 / 395 / **400 W**

QUALITY »



72 cells
Monocrystalline



+5W
Positive power tolerance



Long durability
Continuous performance



Proven technology
More reliable



Fire resistance
Maximum protection



+20%
Efficiency
Over 20% efficiency



25 YEARS
KNOW
HOW
SINCE
* 1997

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PREMIUM WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 72_TURBO PLUS_385-400W_2021EN

FRAME

Black / 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 1,20 meter ($\pm 0,1$ m) length and 4 mm² 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

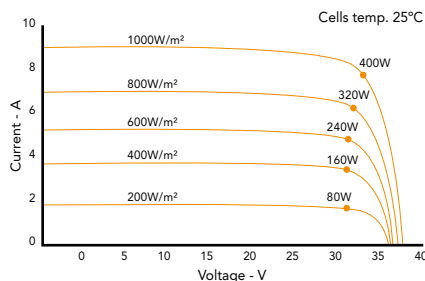
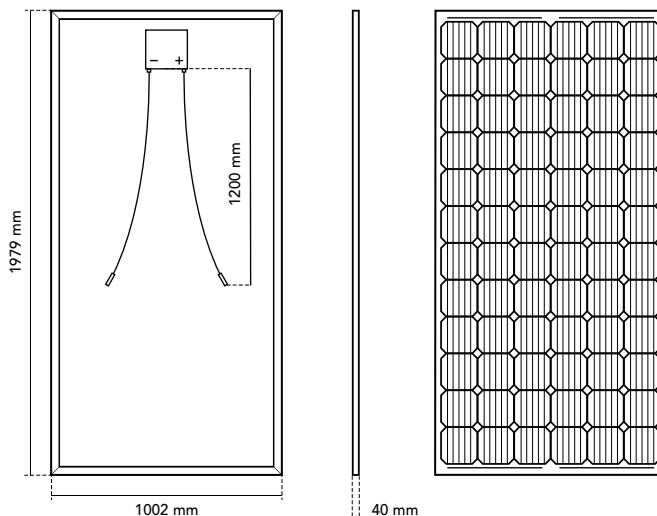
SOLAR CELLS

72 cells monocrystalline silicon. Available in:

Squared cells  Cut cells 

WEIGHT, DIMENSIONS AND PACKAGING

23 Kg | 1979 x 1002 x 40 mm (+/-1%) | Pack: 624 pcs-truck



ELECTRIC DATA »

STANDARD - BLACK - ZEBRA	MEPV 385	MEPV 390	MEPV 395	MEPV 400
Dimensions	1979 x 1002 x 40 mm	1979 x 1002 x 40 mm	1979 x 1002 x 40 mm	1979 x 1002 x 40 mm
Nominal power. P _{mp}	385 W	390 W	395 W	400 W
Tolerance. P _{mp}	0 / +5 W	0 / +5 W	0 / +5 W	±1 W
Area of the module	1,98 m ²			
Module efficiency	19,44 %	19,70 %	19,95 %	20,20 %
I _{sc}	10,10 A	10,12 A	10,23 A	10,36 A
V _{oc}	48,69 V	49,30 V	49,50 V	49,80 V
I _{mp}	9,59 A	9,49 A	9,55 A	9,60 A
V _{mp}	40,14 V	41,10 V	41,40 V	41,70 V
Maximum voltage	1000 - 1500 V			
Maximum series fuse rating. I _r	20 A			
α I _{sc}	0,060 % / °C			
β V _{oc}	- 0,34 % / °C			
γ P _{max}	- 0,37 % / °C			
Temperature range	- 40°C ~ + 85 °C			
NOCT Nominal Operating Cell Temperature	45 ± 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. Eurener_MEPV 72_TURBO PLUS_385-400W_EN_APR2021

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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...