

Monocrystalline Photovoltaic Module »



MEPV 60 TURBO SUPERIOR

BLACK - STANDARD - BICOLOUR »
300 / 310 / 315 / 320 Wp

QUALITY »



60 cells
Monocrystalline



+5W
Positive power tolerance



Long durability
Continuous performance



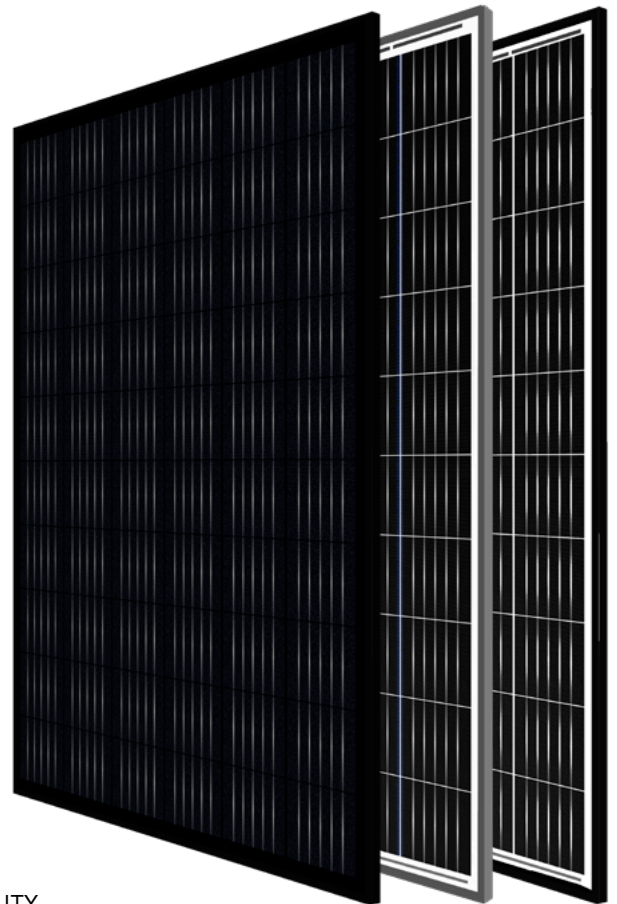
Proven technology
More reliable



FIRE CLASS I
UNI 9177
Fire resistance
Maximum protection



Optimal performance
Power and efficiency



1997 to 2022
25TH
ANNIVERSARY

*** EUROPEAN QUALITY

WARRANTIES »

15 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 60_TURBO SUPERIOR_300-320Wp_2022EN

FRAME

Black / Silver 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 mm² section

FRONTAL

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

Textured, extra-clear with low iron content

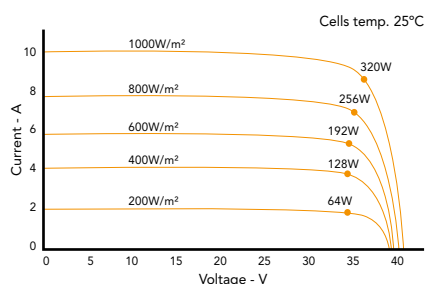
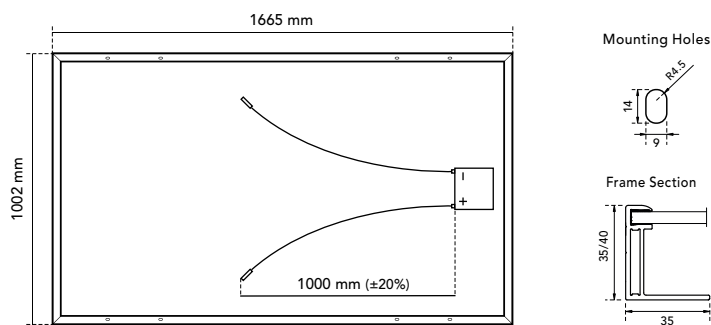
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

SOLAR CELLS

60 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

19 Kg | 1665 x 1002 x 35/40 mm ($\pm 1\%$) | Pack: 896/784 pcs-truck



ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 300	MEPV 310	MEPV 315	MEPV 320
STC: 1000 W/m ² , module temperature 25°C, AM 1,5				
Nominal power. P _{mpp}	300 Wp	310 Wp	315 Wp	320 Wp
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W	0 / +5 W	0 / +5 W
Area of the module	1,67 m ²			
Module efficiency	17,98 %	18,59 %	18,88 %	19,19 %
I _{sc}	9,82 A	9,93 A	10,04 A	10,15 A
V _{oc}	40,30 V	40,50 V	40,70 V	40,90 V
I _{mp}	9,15 A	9,40 A	9,49 A	9,59 A
V _{mp}	32,80 V	33,00 V	33,20 V	33,40 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5				
Nominal power. P _{mpp}	223,61 W	231,11 W	235,87 W	239,26 W
I _{sc}	7,90 A	7,99 A	8,33 A	8,44 A
V _{oc}	37,28 V	37,46 V	37,60 V	37,80 V
I _{mp}	7,37 A	7,57 A	7,56 A	7,62 A
V _{mp}	30,34 V	30,53 V	31,20 V	31,40 V
Operating parameters. Temperature coefficients				
Maximum voltage	1000 - 1500 V			
Maximum series fuse rating. I _r	20 A			
α I _{sc}	0,048 % / °C			
β V _{oc}	- 0,28 % / °C			
γ P _{max}	- 0,37 % / °C			
Temperature range	- 40°C ~ + 85 °C			
NOCT	45 \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 +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 60_TURBO SUPERIOR_300-320Wp_EN_MAR2022

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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.