

Coloured BIPV

MEPV 108 cells — Eurener PV Module

> **350/360Wp**



BIPV

Architectural integration



Colour selection

Wide range of colours for a perfect roof integration



Easy to handle

Comfortable installation thanks to an optimized area size



Half cut technology

Better shading tolerance



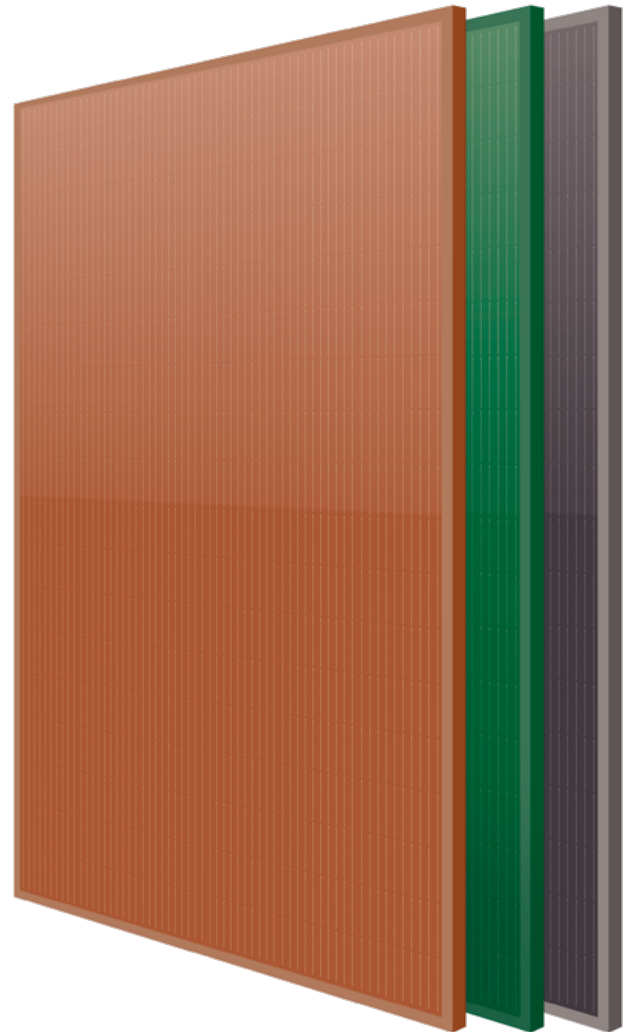
Wider irradiance range

Improved performance under dawn, sunset and cloudy skies



High temperature performance

Better energy yield on sunny days



20 Years

Product Warranty

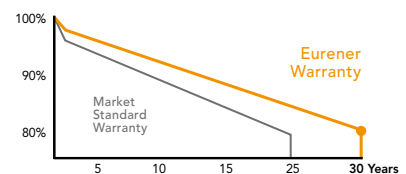
+5 years for Premium Partners

30 Years

Performance Warranty

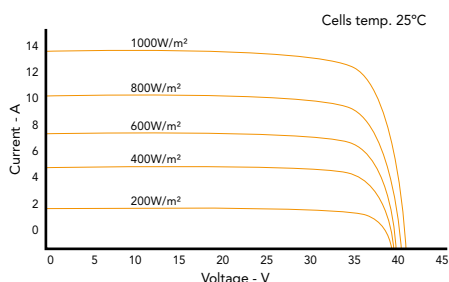
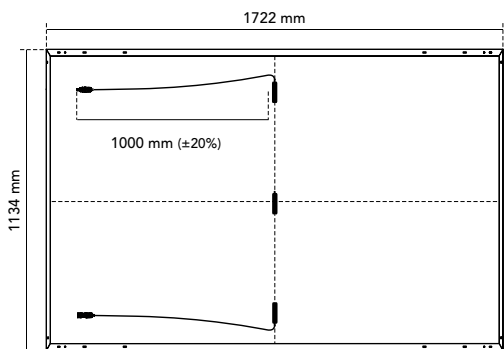
Linear Warranty

80% performance at 30 years





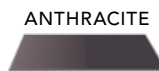
Eurener MEPV 108 — COLOURED BIPV 350-360Wp



Mechanical Specification	
Solar cells	108 (6 x 18), monocrystalline silicon cells
Front Glass	3,2 mm thick tempered glass with high strength and ARC
Frame	Terracotta / Emerald / Anthracite anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm ² section
Dimension	1722 x 1134 x 30 mm (±1%)
Area	1,95 m ²
Weight and packaging	20,8 kg, 936 pcs-truck

Temperature Coefficients	
Temperature coefficient of Isc (α)	0,05 %/°C
Temperature coefficient of Voc (β)	-0,28 %/°C
Temperature coefficient of Pmax (γ)	-0,35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

3 colour selection for a perfect roof integration



	TERRACOTTA		EMERALD		ANTHRACITE	
	MEPV 350	MEPV 360	MEPV 350	MEPV 360	MEPV 350	MEPV 360

STC: 1000 W/m², module temperature 25°C, AM 1,5

Nominal power. Pmax	350 Wp	360 Wp	350 Wp	360 Wp	350 Wp	360 Wp
Module efficiency	17,92 %	18,44 %	17,92 %	18,44 %	17,92 %	18,44 %
Short-circuit current (Isc)	11,92 A	12,24 A	11,93 A	12,25 A	11,92 A	12,23 A
Open-circuit voltage (Voc)	36,91 V	37,15 V	36,93 V	37,17 V	36,89 V	37,14 V
Maximum power current (Imp)	11,44 A	11,69 A	11,44 A	11,70 A	11,43 A	11,68 A
Maximum power voltage (Vmp)	30,65 V	30,85 V	30,66 V	30,86 V	30,65 V	30,86 V

NOCT: 800 W/m², ambient temperature 20°C, AM 1,5

Nominal power. Pmax	265 W	270 W	265 W	270 W	265 W	270 W
Short-circuit current (Isc)	9,38 A	9,54 A	9,38 A	9,55 A	9,36 A	9,53 A
Open-circuit voltage (Voc)	34,90 V	35,17 V	34,93 V	35,20 V	34,89 V	35,15 V
Maximum power current (Imp)	9,23 A	9,36 A	9,24 A	9,36 A	9,22 A	9,35 A
Maximum power voltage (Vmp)	28,73 V	28,87 V	28,69 V	28,91 V	28,75 V	28,89 V

Operating parameters

Maximum voltage	1000 - 1500 V
Maximum series fuse rating. Ir	25 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Hail resistance	HW3/RG3
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

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.

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more than
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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.