eurener energía solar

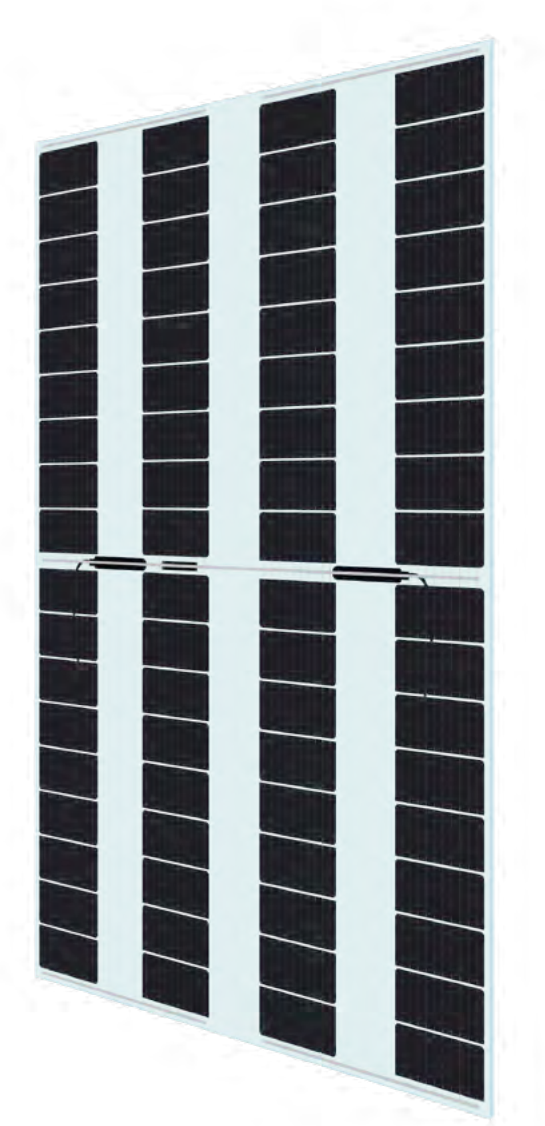
European Experts
in Residential Modules

Agro PERC

FRONT SIDE

260 - 275W

› Double Glass Bifacial



Module efficiency
Module efficiency up to 14.20 %

45% Transmittance
High percentage of light can pass through it

Versatility
For greenhouses, carports or other roofs

Bifacial cell
Extra energy generated from the backside of the cell depending on albedo

Fire rating
Class A

Hail resistance
RG3/HW3 certified

25 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

2% **First year degradation**

0.55% **Annual degradation**

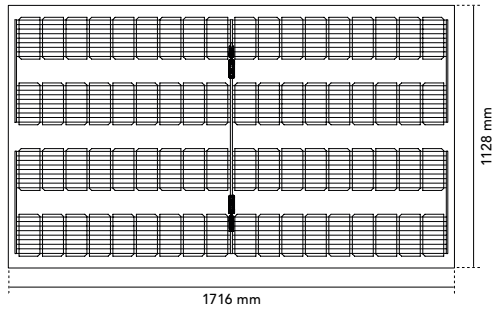
82.05% **Power in year 30**

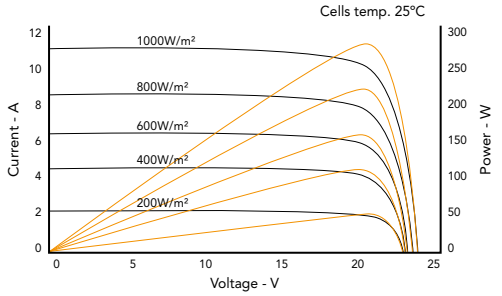
Light up your world with Eurener

Eurener's extensive portfolio of certifications and awards is testament to our unwavering commitment to our partners and our deep sense of social and ethical responsibility.

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — AGRO Double Glass Bifacial 260-275W





Mechanical Specification	
Solar cells	Bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm tempered solar glass
Frame	Frameless
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1716 x 1128 mm (±1%)
Area	1.94 m²
Weight	25.5 kg

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.04 %/°C
Temperature coeficient of Voc (β)	-0.28 %/°C
Temperature coeficient of Pmax (γ)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

	MEPV 260		MEPV 265		MEPV 270		MEPV 275	
Electrical Characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	260 Wp	194 Wp	265 Wp	198 Wp	270 Wp	201 Wp	275 Wp	205 Wp
Short-circuit current (Isc)	13.54 A	10.92 A	13.64 A	11.02 A	13.75 A	11.09 A	13.84 A	11.18 A
Open-circuit voltage (Voc)	24.21 V	22.90 V	24.39 V	23.12 V	24.69 V	23.26 V	24.96 V	23.53 V
Maximum power current (Imp)	12.95 A	10.27 A	13.06 A	10.39 A	13.15 A	10.43 A	13.19 A	10.50 A
Maximum power voltage (Vmp)	20.11 V	18.90 V	20.32 V	19.03 V	20.55 V	19.29 V	20.86 V	19.50 V
Module efficiency	13.45 %		13.71%		13.96%		14.20%	
Electrical Characteristics	**Bifacial gain 10%**							
Nominal power. Pmax	286 Wp		292 Wp		297 Wp		302 Wp	
Short-circuit current (Isc)	14.90 A		15.00 A		15.12 A		15.22 A	
Open-circuit voltage (Voc)	24.21 V		24.39 V		24.69 V		24.96 V	
Maximum power current (Imp)	14.22 A		14.35 A		14.45 A		14.50 A	
Maximum power voltage (Vmp)	20.11 V		20.32 V		20.55 V		20.86 V	

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	30 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates
ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
ISO9001:2015 - Quality Management Systems
ISO14001:2015 - Environmental Management System
WEEE compliance in Germany
PV CYCLE Italy
IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval
IEC 61730 - Photovoltaic (PV) module safety qualification
IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing
IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

NOTE: Read the safety and installation manual before using the product. This data sheet is not legally binding, Eurener reserves the right of final interpretation. Eurener reserves the right to change the product characteristics and/or specifications without prior notice. The latest versions of all documents can always be found on our website at www.eurener.com.

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European Experts in Residential modules

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.