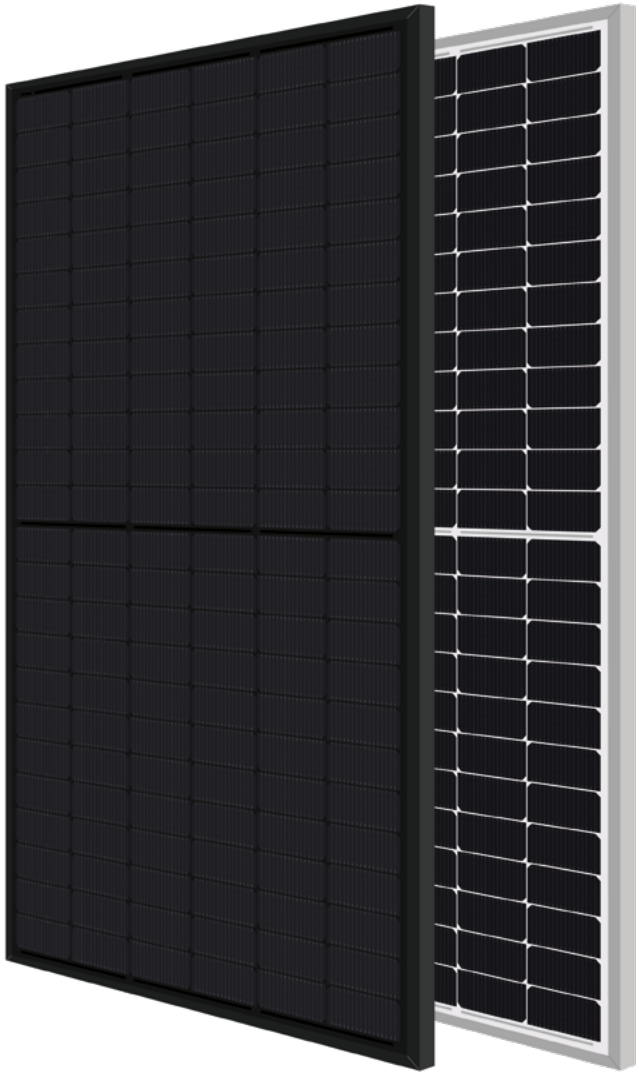
eurener energía solar

European Experts
in Residential Modules

Nexa Plus TOPCon N-type

› 570 - 580W



Module efficiency
Module efficiency up to 22.45 %

Different designs
Black - Silver

PID resistance
Certified according to IEC TS 62804 standards

High reliability
Certified resistance against salt mist, dust, sand, and ammonia

Hail resistance
RG3/HW3 certified

Increased PV surface
Higher power output for commercial and ground projects

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

1% First year degradation
0.38% Annual degradation
88% Power in year 30

Light up your world with Eurener

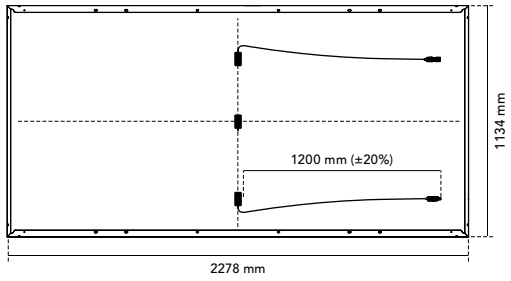
Eurener's extensive portfolio of certifications and awards is testament to our unwavering commitment to our partners and our deep sense of social and ethical responsibility.

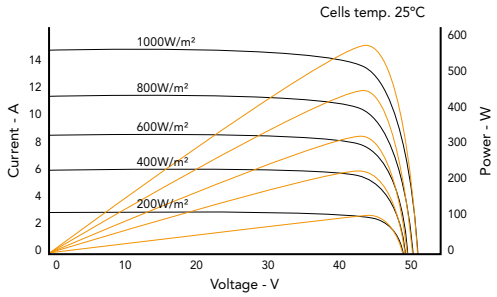
Spanish Quality Worldwide

Awarded as TOP Brand PV

EcoVadis Platinum Medal for three consecutive years

Eurener MEPV — NEXA Plus 570-580W





Mechanical specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2 / MC4 compatible
Cable	1200 mm (±20%) length and 4 mm² section
Dimension	2278 x 1134 x 30 mm (±1%)
Area	2.58 m²
Weight	28 kg
Packaging	720 pcs/truck

Temperature coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 570	MEPV 575	MEPV 580
Electrical characteristics		STC	
Nominal power. Pmax	570 Wp	575 Wp	580 Wp
Short-circuit current (Isc)	14.00 A	14.09 A	14.18 A
Open-circuit voltage (Voc)	51.39 V	51.48 V	51.57 V
Maximum power current (Imp)	13.20 A	13.29 A	13.39 A
Maximum power voltage (Vmp)	43.17 V	43.25 V	43.33 V
Module efficiency	22.07 %	22.26 %	22.45 %
Electrical characteristics		NOCT	
Nominal power. Pmax	432 Wp	436 Wp	439 Wp
Short-circuit current (Isc)	11.42 A	11.47 A	11.52 A
Open-circuit voltage (Voc)	48.24 V	48.39 V	48.53 V
Maximum power current (Imp)	10.81 A	10.86 A	10.91 A
Maximum power voltage (Vmp)	39.94 V	40.10 V	40.26 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	25 A
Power output tolerance	0 - +3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5)
	Class A or C (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
Swissolar Quality Certificate

NOTE: All information contained in this data sheet is provided for general information purposes only. Product specifi cations may be subject to technical modifi cations. Reception, installation and use shall comply with the applicable Installation Manual, General Conditions of Sale and Warranty Terms and Conditions. The latest versions of all technical documentation are available 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.