

## Nexa Plus TOPCon N-type

# > 570 - 580W

+22.4%

**Module efficiency**  
Module efficiency up to 22.47 %



**Different designs**  
Black - Silver



**PID resistance**  
Certified according to IEC TS 62804 standards



**Salt mist resistance**  
Certified according to IEC 61701 standards



**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

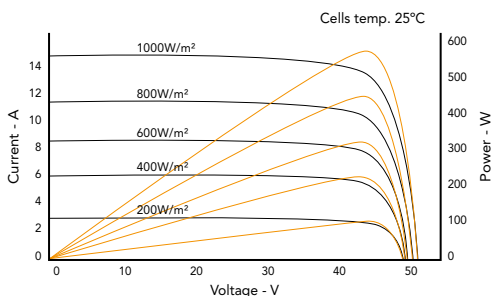
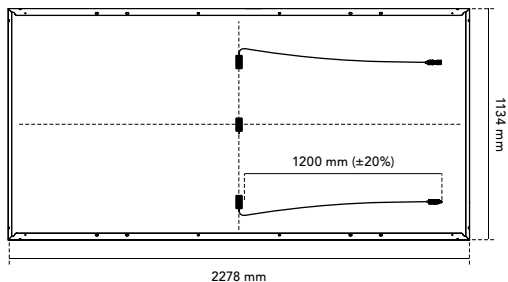
### Light up your world with Eurener

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.





# 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 mm <sup>2</sup> section
Dimension and packaging	2278 x 1134 x 30 mm (±1%) > 720 pcs/truck 2278 x 1134 x 35 mm (±1%) > 620 pcs/truck
Area	2.58 m <sup>2</sup>
Weight	28 kg

Temperature Coefficients	
Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient 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
<b>Electrical Characteristics</b>			
	STC		
Nominal power. Pmax	570 Wp	575 Wp	580 Wp
Short-circuit current (Isc)	14.27 A	14.42 A	14.49 A
Open-circuit voltage (Voc)	50.67 V	50.86 V	51.07 V
Maximum power current (Imp)	13.52 A	13.61 A	13.70 A
Maximum power voltage (Vmp)	42.16 V	42.25 V	42.35 V
Module efficiency	22.03 %	22.29 %	22.47 %
<b>Electrical Characteristics</b>			
	NOCT		
Nominal power. Pmax	429 Wp	432 Wp	436 Wp
Short-circuit current (Isc)	11.56 A	11.61 A	11.69 A
Open-circuit voltage (Voc)	48.26 V	48.28 V	48.38 V
Maximum power current (Imp)	10.88 A	10.89 A	10.99 A
Maximum power voltage (Vmp)	39.41 V	39.68 V	39.70 V

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5  
 \* NOCT: 800 W/m<sup>2</sup>, 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	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporate 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](http://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.