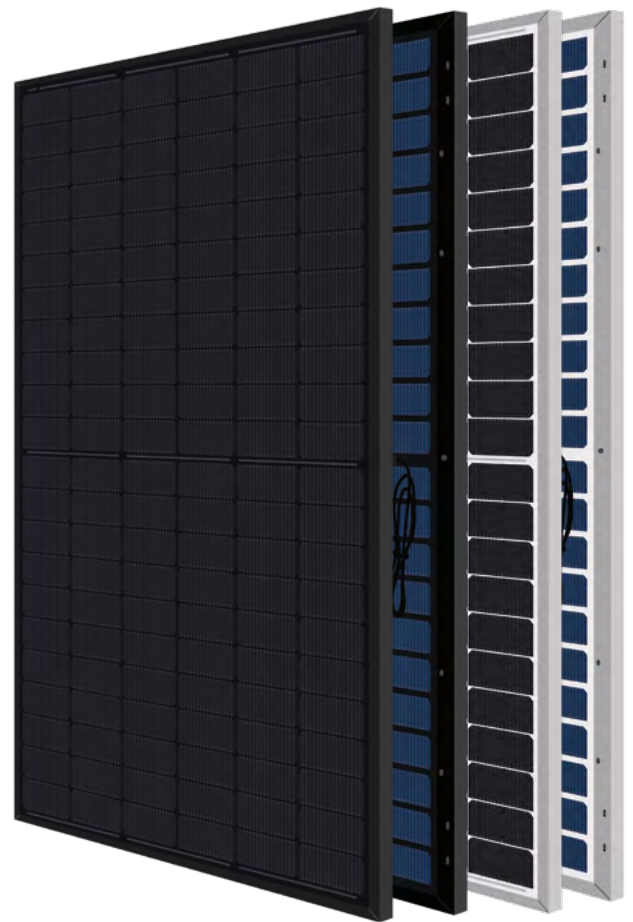


Nexa Plus 690-700W

TOPCon N-type Bifacial

› Black – Standard



Efficiency

Module efficiency up to 22.52 %



N-type cell

Higher resistance to LID and LeTID



TOPCon

Technology to increase cell efficiency



Bifacial cell

Improved energy yield



Increased PV surface

Higher power output



Sustainable product

High percentage of recyclable materials



25 Years

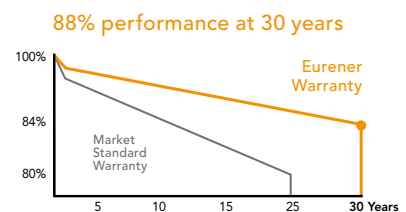
Product Warranty

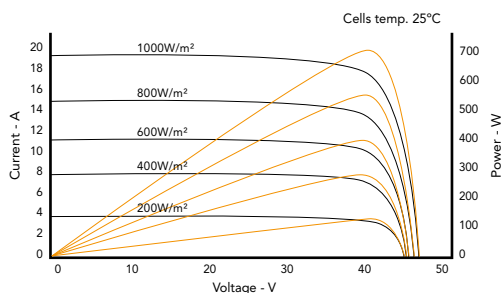
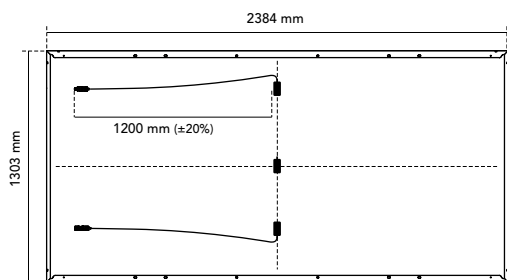
+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty





Mechanical Specification	
Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Conector MC4 compatible
Cable	Cables 300 mm (±20%) length and 4 mm ² section
Dimension	2384 x 1303 x 30/35 mm (±1%)
Area	3,11 m ²
Weight and packaging	38 kg, 558 pcs-truck
Temperature Coefficients	
Temperature coefficient of Isc (α)	0,046 %/°C
Temperature coefficient of Voc (β)	-0,26 %/°C
Temperature coefficient of Pmax (γ)	-0,3 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	42 ± 2 °C

Standard - Black	MEPV 690	MEPV 700
STC: 1000 W/m², module temperature 25°C, AM 1,5		
Nominal power. Pmax	690 W	700 W
Module efficiency	22,22 %	22,52%
Short-circuit current (Isc)	18,80 A	18,92 A
Open-circuit voltage (Voc)	46,86 V	47,35 V
Maximum power current (Imp)	17,75 A	17,78 A
Maximum power voltage (Vmp)	38,93 V	39,43 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5		
Nominal power. Pmax	521 W	529 W
Short-circuit current (Isc)	15,17 A	15,25 A
Open-circuit voltage (Voc)	44,84 V	45,19 V
Maximum power current (Imp)	14,26 A	14,33 A
Maximum power voltage (Vmp)	36,58 V	36,95 V
Electrical characteristics with 10% rear side power gain		
Nominal power. Pmax	759 W	770 W
Short-circuit current (Isc)	20,68 A	20,81 A
Open-circuit voltage (Voc)	46,86 V	47,35 V
Maximum power current (Imp)	19,50 A	19,53 A
Maximum power voltage (Vmp)	38,93 V	39,43 V
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)	
Hail resistance	Ø 25mm at 23 m/s (IEC 61215)	
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. Eurener_MEPV_NEXA Plus Bifacial_690-700W_EN_MAR2024