

Nexa TOPCon N-type

FRONT SIDE

515W

› Double Glass Bifacial



+23.1%

Module efficiency

Module efficiency up to 23.16 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



Hail resistance

RG3/HW3 certified



Better temperature coefficient

Minimized thermal losses, improved efficiency



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials

25 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



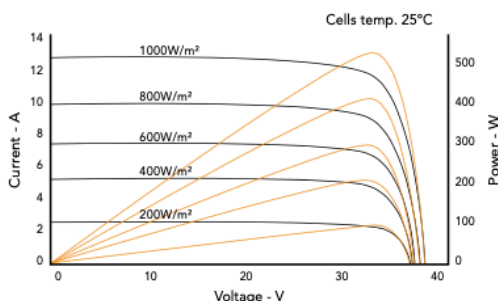
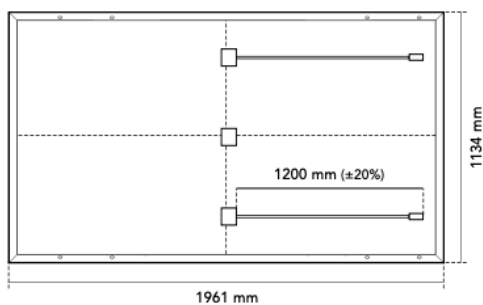
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



Eurener MEPV — NEXA Double Glass Bifacial 500-515W



| Mechanical specification | |
|--------------------------|---|
| Solar cells | N-Type bifacial monocrystalline silicon cells |
| Front Glass | 2 mm anti-reflective surface tempered solar glass |
| Back Glass | 2 mm tempered solar glass |
| Frame | Black anodized aluminium |
| Junction Box | IP68, 3 by-pass diodes |
| Connector | Original MC4-Evo 2 |
| Cable | 1200 mm (±20%) length and 4 mm ² section |
| Dimension | 1961 x 1134 x 30 mm (±1%) |
| Area | 2.22 m ² |
| Weight | 27.5 kg |
| Packaging | 864 pcs/truck |

| Temperature coefficients | |
|---|-----------------|
| Temperature coefficient of Isc (α) | 0.046 %/°C |
| Temperature coefficient of Voc (β) | -0.25 %/°C |
| Temperature coefficient of Pmax (γ) | -0.29 %/°C |
| Temperature range | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT) | 45 ± 2 °C |

| Electrical characteristics | MEPV 500 | | MEPV 505 | | MEPV 510 | | MEPV 515 | |
|-----------------------------|----------|---------|----------|---------|----------|---------|----------|---------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Nominal power. Pmax | 500 Wp | 382 Wp | 505 Wp | 386 Wp | 510 Wp | 389 Wp | 515 Wp | 392 Wp |
| Short-circuit current (Isc) | 15.86 A | 12.79 A | 15.90 A | 12.82 A | 15.94 A | 12.85 A | 15.98 A | 12.88 A |
| Open-circuit voltage (Voc) | 40.10 V | 38.10 V | 40.32 V | 38.30 V | 40.53 V | 38.50 V | 40.72 V | 38.70 V |
| Maximum power current (Imp) | 15.02 A | 12.17 A | 15.08 A | 12.20 A | 15.14 A | 12.23 A | 15.30 A | 12.26 A |
| Maximum power voltage (Vmp) | 33.30 V | 31.41 V | 33.51 V | 31.60 V | 33.70 V | 31.81 V | 33.99 V | 31.99 V |
| Module efficiency | 22.48 % | | 22.71 % | | 22.93 % | | 23.16 % | |

| Electrical characteristics | Bifacial gain 10% | | | | | | | |
|-----------------------------|-------------------|--|---------|--|---------|--|---------|--|
| Nominal power. Pmax | 550 Wp | | 556 Wp | | 561 Wp | | 567 Wp | |
| Short-circuit current (Isc) | 17.43 A | | 17.49 A | | 17.55 A | | 17.60 A | |
| Open-circuit voltage (Voc) | 40.05 V | | 40.30 V | | 40.55 V | | 40.80 V | |
| Maximum power current (Imp) | 16.51 A | | 16.58 A | | 16.63 A | | 16.70 A | |
| Maximum power voltage (Vmp) | 33.33 V | | 33.55 V | | 33.74 V | | 33.96 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 | 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.

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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.