

Icon Plus PERC

> 550W

+21.3%

Module efficiency
Module efficiency up to 21.30 %



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



Optimized BOS
Lower structure, materials and wiring costs



20 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

2% First year degradation

0.62% Annual degradation

80% 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



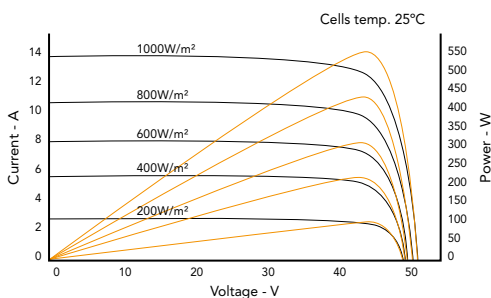
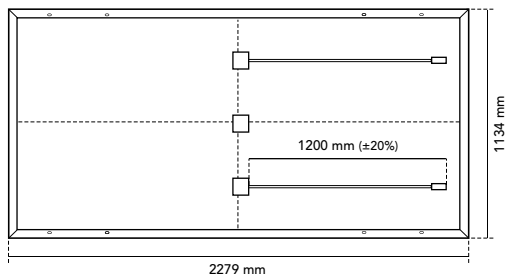
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



Eurener MEPV — ICON Plus 550W



| Mechanical specification | |
|--------------------------|--|
| Solar cells | Monocrystalline silicon cells |
| Front Glass | 3.2 mm thick tempered glass with high strength and ARC |
| Frame | Silver anodized aluminium |
| Junction Box | IP68, 3 by-pass diodes |
| Connector | Connector MC4 compatible |
| Cable | 1200 mm (±20%) length and 4 mm² section |
| Dimension and packaging | 2279 x 1134 x 30 mm (±1%) > 720 pcs/truck 2279 x 1134 x 35 mm (±1%) > 620 pcs/truck |
| Area | 2.58 m² |
| 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) | -0.35 %/°C |
| Temperature range | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT) | 43 ± 2 °C |

| MEPV 550 | |
|-----------------------------|---------|
| Electrical characteristics | STC |
| Nominal power. Pmax | 550 Wp |
| Short-circuit current (Isc) | 13.96 A |
| Open-circuit voltage (Voc) | 49.85 V |
| Maximum power current (Imp) | 13.19 A |
| Maximum power voltage (Vmp) | 41.72 V |
| Module efficiency | 21.30 % |
| Electrical characteristics | NOCT |
| Nominal power. Pmax | 416 Wp |
| Short-circuit current (Isc) | 11.16 A |
| Open-circuit voltage (Voc) | 47.12 V |
| Maximum power current (Imp) | 10.59 A |
| Maximum power voltage (Vmp) | 39.28 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 |

| 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 | |
| Swissolar Quality Certificate | |



NOTE: All information contained in this data sheet is provided for general information purposes only. Product specifications may be subject to technical modifications. 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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more than
energy

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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.