belga solar
PROUDLY MADE IN BELGIUM

Performance 440|445

25 Year Warranty

0.017 Kg CO_2e / kWh

Made in Belgium

Electrical characteristics

Pmax (Wc)*	440	445
Vmp (V)	33,94	34,11
Imp (A)	12,98	13,05
Voc (V)*	39,91	40,12
Icc (A)*	13,73	13,80

(***) Measurement tolerances: ±5% for Pmp, ±3% for Voc and Isc.
All measurements are at STC (25°C, 1000W/m², A.M. 1.5).
Temperature coefficients: Pmpp: -0.38 %/°C, Voc: -0.27 %/°C, Isc: +0.04 %/°C. NOCT: 46°C ±2°C.

Certifications and warranties

- IEC 61215-2:2021 and IEC 61730-2:2018
- Product warranty: **25 years**
- Performance warranty: **25 years**
- Power degradation: 1% in the first year and 0.6% per year thereafter
- Electroluminescence and flash: **100% tested**
- Safety class: II
- Maximum system voltage: 1500 VDC

Composition and technical specifications

- Monocrystalline **TopCon cells**, 108 half-cut M10
- Tempered glass: 3.2 mm with anti-reflective coating
- Frame: black anodized aluminium
- Backsheet: white, fluorine-free
- Junction box: IP68
- Connectors: MC4 compatible, 1.2 m cables
- Bypass diodes: 3
- Silicone-free panel
- Maximum load: 2400 N/m² (positive and negative pressure)
- Hail resistance: 25 mm at 23 m/s
- Dimensions: 1736 x 1146 x 35 mm / Weight: 21.5 kg

Packaging

- Stackable wooden pallet
- 31 panels (vertical) per pallet
Dimensions: 1740 x 1150 x H 1290 mm

1146 · 35 · 1736

Certified B Corporation · PV CYCLE · 25 year warranty · 100% tested ! · ETN France Certification · Certisolis SOLAR CERTIFICATION · CE

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