

Art Design 480

Electrical characteristics

Pmax (Wc)*	480 **
Vmp (V)	37,41
Imp (A)	12,83
Voc (V)*	44,72
Isc (A)*	13,25

(*) Measurement tolerances: $\pm 5\%$ for Pmp, $\pm 4\%$ for Voc and Isc. All measurements are at STC (25°C, 1000 W/m², A.M. 1.5). Temperature coefficients: Pmpp: -0.38%/°C, Uoc: -0.27%/°C, Isc: 0.04 %/°C NOCT: 46°C $\pm$ 2°C

(**) Data currently estimated

Certifications and warranties

- IEC 61215-2: 2021 and IEC 61730-2: 2018
- Product warranty: 25 years Performance warranty: 25 years
- Power output guarantee: 85% after 25 years (1% in the first year, then 0.6% per year)
- Electroluminescence and flash: 100% tested
- Safety class II
- Maximum system voltage: 1500 VDC
- Luminance < 20,000 Cd/m², compliant with EASA requirements
- RG5 'Storm Resist' hail-resistant glass

Composition and technical characteristics

- TopCon monocrystalline cells, 120 Half-Cut M10
- 3.2 mm extra-clear anti-glare tempered glass, made in Europe
- Black anodised aluminium frame
- Fluorine-free black backsheet
- Junction box: IP68
- Connectors: MC4 compatible, 1.2 m cables
- Bypass diodes: 3
- Silicone-free frame
- 35 mm frame
- Maximum load: 2400 N/m² in pressure and vacuum
- Hail resistance: 25 mm at 23 m/s. Option: RG5 50 mm at 30 m/s
- Dimensions: 1920 x 1146 x 35 mm / Weight: 23.5 kg

Packaging

- Stackable wooden pallet
- 31 panels (vertical) per pallet
- Dimensions: 1925 x 1290 x 1150 mm

