

Performance 490 | 500



ELECTRICAL SPECIFICATIONS

Pmax (Wp)*	490**	500**
Vmp (V)	37,01	37,76
Imp (A)	13,41	13,68
Voc (V)*	46,15	47,10
Icc (A)*	14,20	14,49

(*) Measurement tolerances +/-5% for Pmp, +/-3% for Voc and Isc. All measurements are at STC (25°C, 1000W/m², A.M. 1.5) Temperature coefficient: Pmpp: -0.38%/°C, Uoc: -0.27%/°C, Isc: 0.0490%/°C NOCT: 46°C +/-2°

(**) Current estimated data

Packaging

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

Certifications and warranties

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

Composition and technical characteristics

- TopCon monocrystalline cells, 120 Half-Cut M10
- 3.2 mm tempered glass with anti-reflective coating
- Black anodized aluminum frame
- Fluorine-free white backsheet
- Junction box: IP68
- Connectors: MC4 compatible, 1.2 m cables
- Bypass diodes: 3
- Silicone-free frame
- Maximum load: 2400 N/m² in pressure and vacuum
- Hail resistance: 25 mm at 23 m/s
- Dimensions: 1920 x 1146 x 35 mm / Weight: 23.5 kg

