

Verre-Verre 435 | 440



Electrical specifications

Pmax (Wc)*	435**	440**
Vmp (V)	33,68	34,07
Imp (A)	13,09	13,24
Voc (V)*	40,73	41,20
Isc (A)*	13,90	14,06

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

(**) Data currently estimated, bifaciality coefficients to be determined.

Packaging

- Stackable wooden pallet
- 31 panels (vertical) per pallet
- Dimensions: 1750 x 1150 x 1290 mm

Certifications and warranties

- IEC 61215-2: 2021 and IEC 61730-2: 2018 (In progress)
- Product warranty: 30 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

Options

- Glass 2 x 3.2 mm or 2 x 4 mm
- Semi-transparent (72 Half-Cut M10)

Composition and technical specifications

- TopCon monocrystalline cells, 108 Half-Cut M10
- 2 x 2 mm toughened glass with anti-reflective coating
- Black anodised aluminium frame
- 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
- Dimensions: 1730 x 1146 x 35 mm / Weight: 25 kg

