

GLASS-GLASS 435 | 440



➤ Electrical specifications

P_{max} (Wc)*	435**	440**
V_{mp} (V)	33,28	33,29
I_{mp} (A)	13,08	13,23
V_{oc} (V)*	40,25	40,25
I_{sc} (A)*	13,89	14,05

(*) Measurement tolerances +/-5% for P_{mp}, +/-3% for V_{oc} and I_{sc}. All measurements are at STC (25°C, 1000 W/m², A.M. 1.5) Temperature coefficient: P_{mpp}: -0.38%/°C, U_{oc}: -0.27%/°C, I_{sc}: 0.04%/°C NOCT: 46°C +/-2°

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

➤ Packaging

- Stackable wooden pallet
- 31 panels (vertical) per pallet
- Dimensions: 1740 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: 1736 x 1146 x 35 mm / Weight: 25 kg

