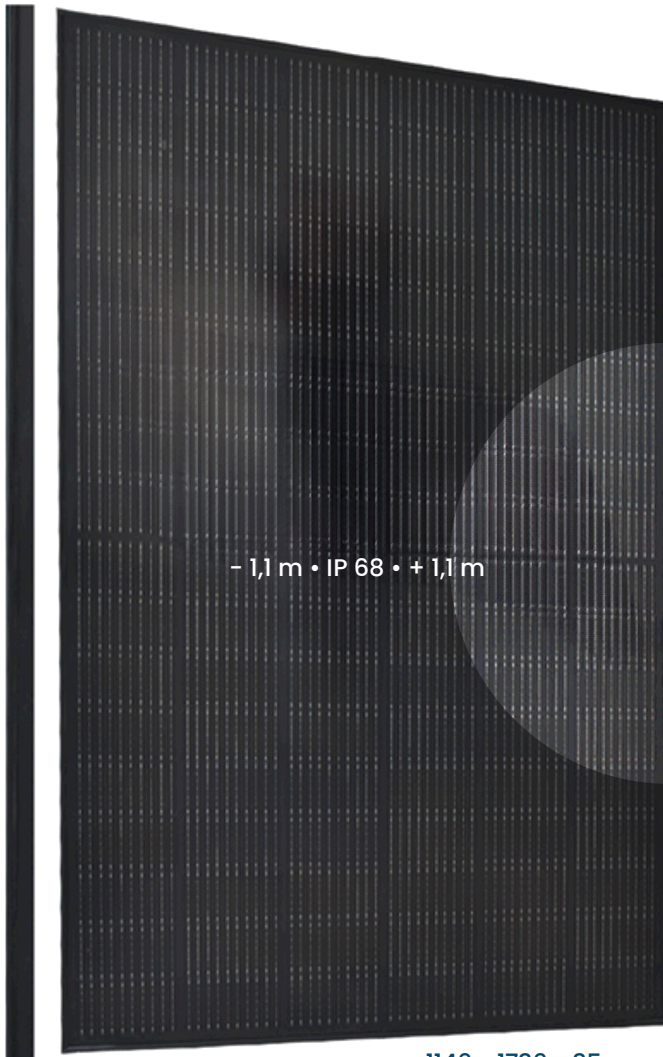


# Solarcells Design

Full Black



1146 x 1736 x 35 mm

## Electrical characteristics

Monocrystallin Half-Cut

PMAX (Wc)	410
U <sub>mpp</sub> (V)	31,93
U <sub>oc</sub> (V)	38,09
I <sub>sc</sub> (A)	13,50
I <sub>mpp</sub> (A)	12,84

• Maximum system voltage: 1000 V DC

Positive tolerance range 0/+5Wp. Values under STC conditions:  
Radiation 1000 W/m<sup>2</sup>. AM 1.5 and cell T° of 25°C.

## Technical specifications

- Glass: 3.2mm tempered anti-reflective glass
- Frame: Black anodised aluminium
- Backsheet : PET – Coated black
- Junction box: IP68
- Bypass diodes 18A: 3
- Maximum load: 2400 N/m<sup>2</sup>
- Weight: 22,5Kg

## Temperature coefficients

- NOCT: 45°C +/-2°C
- P<sub>mpp</sub>: -0.390 %/°C
- Voltage with respect to U<sub>oc</sub>: -0.300 %/°C
- Current with respect to I<sub>sc</sub>: 0.060 %/°C
- Operating temperature -40 to +85°C

## Certifications and guarantees

- IEC 61215 & IEC 61730 (2016)
- Excellent mechanical load resistance, tested at 2400 Pa
- Full guarantee: 25 years
- Guarantee at 85% linear P<sub>max</sub>: 25 years
- Electroluminescence: 100% tested
- Local production

## Performance

