

belga solar®
PROUDLY MADE IN BELGIUM




EFFICIENT



ROBUST



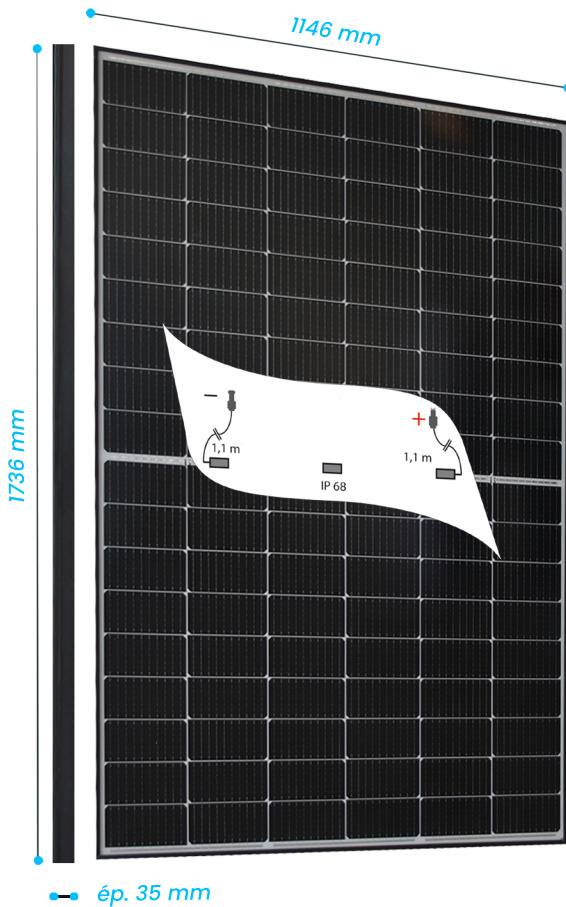
RELIABLE



SUSTAINABLE

Performance

“Technology and Efficiency”



Electrical Specifications

Mono-crystalline Half-Cut

P _{MAX} (Wc)	420
U _{mpp} (V)	31,92
I _{mpp} (A)	13,21
U _{oc} (V)	37,93
I _{sc} (A)	13,88

» Maximum system voltage : 1000 V DC

Positive tolerance range 0/+5Wc. Values at STC conditions: radiation 1000W/m², AM 1,5 and t° cell of 25 c°

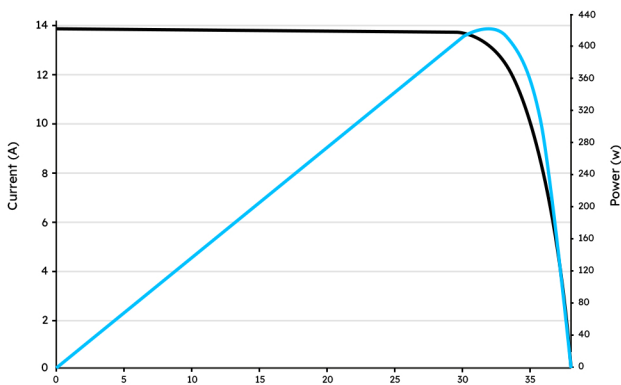
Technical characteristics

- » Glass : antireflective tempered 3.2 mm
- » Frame: anodized aluminium black
- » Backsheet : PET - Coated white
- » Junction box : IP68 (MC4Evo2)
- » By-pass diodes 18A : 3
- » Maximum load : 2400N/m²
- » Weight : 22.5Kg

Temperature coefficients

- » NOCT : 45°C +/-2°
- » P_{mpp}: -0.390 %/°C
- » Temperature coefficient U_{oc} : -0.300%/°C
- » Temperature coefficient I_{sc} : 0.060%/°C
- » Operating Temperature -40 to 85°C

Performance 420



Certifications and warranties

- » IEC 61215 & IEC 61730
- » 25-Year Product Warranty
- » 85% 25-Year (Linear) P_{max} warranty
- » Electroluminescence and flash : 100% tested
- » Yearly factory inspection
- » Neutral Carbon (190601)

