

BecoSolar BA-5

5W Thin Film Amorphous Silicon PV Module

This rugged glass/glass module has an anodized aluminium frame into the rear of which the hex-heads of M6 bolts may be inserted for ease of mounting and extra security.

Typical Specifications - Plate

Size	310mm x 330 mm x 0.5mm
Substrate	2.4 mm float glass x 0.1mm
Approximate Weight	1kg
Protective Coating	EVA / float glass
Contacts	Aluminium top coat
Cell width	11mm - active 9mm

Typical Specifications – Framed Module

Size	340mm x 320mm x 30mm
Weight	1.7kg
Cable Type	2 core, 0.5mm ² , PVC insulated to BS6500, Brown +ve, Blue -ve
Cable Length	3m

Rated Performance 5 watts +/- 15%

Typical Initial Performance

Voc	25 volts
Isc	360 mA
Pmax	5.2Watts
Vmp	18 volts
Imp	287mA
Fill factor	60%

Temperature Coefficients

Voltage	-0.4% per °C	Current	0.1% per °C
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Quality Control and Testing

Every product is 100% tested. On line, random and end of line sampling and inspection is carried out against all orders.

Warranty

BecoSolar warrants that the product is free from manufacturing defects for a period of 12 months from the date of dispatch. The electrical performance data quoted apply to standard test conditions (STC) in the stabilised state. STC are spectrum AM 1.5 with the cell tested at ambient conditions (25 °C). The performance is guaranteed to stay within 20% of its rated power for the warranty period.

Specifications are subject to change without notice in the interests of product improvement and performance enhancement.



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