



Quality PV Module manufactured in the UK

Custom, high quality crystalline silicon cell module — Made in UK— Low Carbon Supply Chain.
Toughened low iron glass and a tri-wall backing sheet sealed with anodised marine alloy backplate and frame for total environmental protection.
Compatible with legacy navigation buoy PV modules both dimensionally and electrically.

Specification

Material Specification

36 series connected crystalline silicon cells.
4mm Optiwhite low iron glass maximising panel efficiency.
Various options of IP67 Junction Box with A4 stainless fixings
Choice of US and European marine cables and waterproof connectors

Dimensions and Weight

711 mm (L) x 711 mm (W) x 12 mm (Excl Terminal Box) (D). 8 kg.



Typical Electrical Characteristics					
Maximum Power (Pmax)	50 (W)	55 (W)	60 (W)	65 (W)	70 (W)
Voltage at Max Power (Vmp)	18 (V)	18.1 (V)	18.3 (V)	18.5 (V)	18.5 (V)
Current at Max Power (Imp)	3 (A)	3.1 (A)	3.3 (A)	3.5 (A)	3.7 (A)
Voltage at open Circuit (Voc)	20.5 (V)	20.5 (V)	20.5 (V)	20.5 (V)	20.5 (V)
Current at short circuit (Isc)	3.3 (A)	3.4 (A)	3.6 (A)	3.9 (A)	4.1 (A)
Temp. Co-eff. Current	0.05 (%)	0.05 (%)	0.05 (%)	0.05 (%)	0.05 (%)
Temp. Co-eff. Voltage	-0.36 (%)	-0.36 (%)	-0.36 (%)	-0.36 (%)	-0.36 (%)
Temp. Co-eff. Power	-0.47 (%)	-0.47 (%)	-0.47 (%)	-0.47 (%)	-0.47 (%)

Warranty

Freedom from defects in materials and workmanship for 2 years.
Limited performance warranty.

Quality and Safety

Manufactured in our ISO 9001-2008 certified factory. Produced in a TUV IEC 61215 and IEC 61730 approved process.



Products are under continuous development and may be subject to change, Data stated to $\pm 5\%$.