

Quality PV Modules Manufactured in the UK

A custom, high quality crystalline silicon cell module, produced at our Pontypridd production facility near Cardiff. These products can be provided as a conventional framed panel or as a laminate for BIPV use, typically in conjunction with our RIS in-roof system.

Supplied in either silver framed white background or the popular black framed black panel versions.

We operate a Low Carbon Supply Chain utilising local suppliers wherever possible and have been manufacturing quality British panels in the South Wales area since 1994.

Specification

84 connected 156 mm x 156 mm high efficiency crystalline silicon cells.

4mm low iron toughened glass maximising panel efficiency and strength.

(Many competitors only use 3.2mm thick glass)

Fitted with an anodised aluminium frame or EPDM edge gasket if supplied as a laminate frameless version for our RIS system .

IP65 Junction Box including bypass diodes

1m cable terminated to MC4 connectors

Typical Characteristics

		350W
Maximum Power (Pmax) (W)		350
Voltage at Max Power (Vmp)		40.1
Current at Max Power (Imp)		8.87
Voltage at open Circuit (Voc)		47.66
Current at short circuit (Isc)		9.42
Cell Efficiency (%)		19.4
Temp. Co-eff. Current (%/C)		0.05
Temp. Co-eff. Voltage (%/C)		-0.33
Temp. Co-eff. Power (%/C)		-0.42
Operating Temperature		-40° +85° C
Bypass Diodes		4
Dimensions (+/- 0.5%)	Framed: 2337.5mm (L) x 1072/1077(W) x 40mm (D) Junction box 25mm	
Quality	Manufactured in our ISO 9001-2015 certified factory. Complies with TUV SUD accreditation, IEC 61215 and IEC 61730 MCS accredited BAPT 8501	



Picture for illustrative purposes only



Performance Warranties

Freedom from defects in materials and workmanship for 5 years.

Electrical performance: 90% of output power for 10 years and 80% for 20 years

Power data stated to - 0+5%. All other data stated to STC,

Products are under continuous development and may be subject to change.

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