

**Product Description:**

The GBS187P is a high quality poly-crystalline silicon cell module. It has toughened low iron glass and a tri-wall backing sheet for total environmental protection. Framed in an anodised aluminium extrusion for ease of mounting and durability.

**Quality and Safety:**

TUV Approved to IEC 61215 Ed 2 & IEC61730  
 ISO 9000 Certified Factory

**Limited Warranties:**

Freedom from defects in materials and workmanship for 5 years.  
 Minimum 80% output in 20 years.

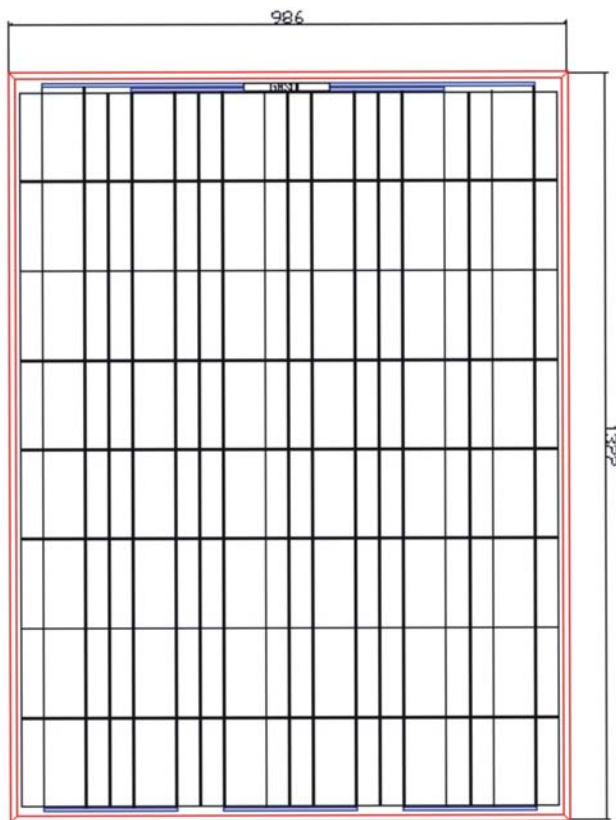
**Weight:**

16.8 KG

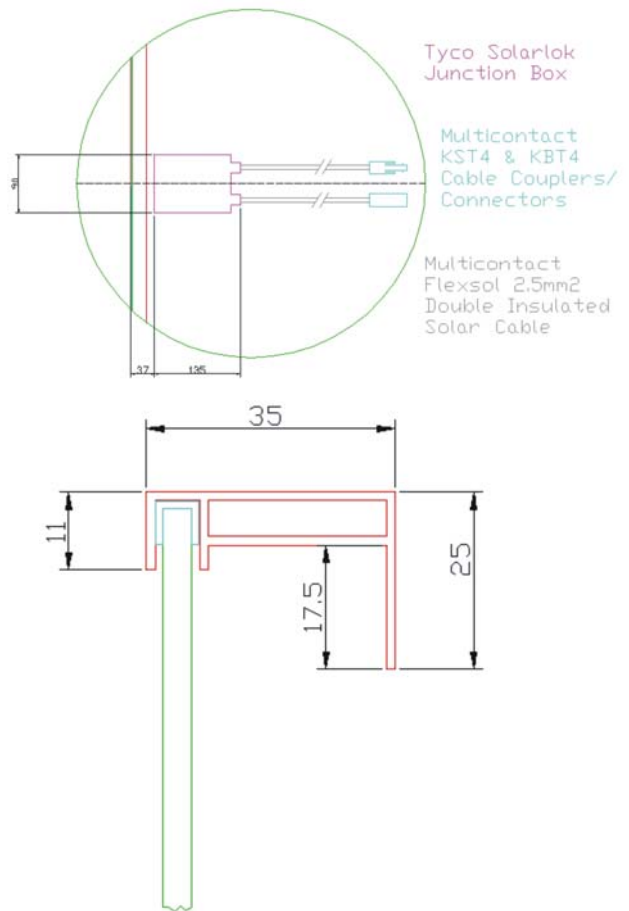
**Cell Specification:**

48 series connected 156mm poly-crystalline silicon cells. Bypass diodes mid string.

**Overall Dimensions:**



**Terminal Box & Frame Detail:**



**Typical Electrical Characteristics at STC (1000W/M<sup>2</sup>, 25°C & AM 1.5):**

Maximum Power (P <sub>max</sub> ) – Nominal	185 W
Voltage at Pmax (V <sub>mp</sub> )	24.8 V
Current at Pmax (I <sub>mp</sub> )	7.7 A
Short circuit current (I <sub>sc</sub> )	8.1 A
Open-circuit voltage (V <sub>oc</sub> )	29.8 V

**Typical Electrical Characteristics at (800W/M<sup>2</sup>, NOCT & AM 1.5):**

Maximum Power (P <sub>max</sub> ) – Nominal	Awaiting Testing Results
Voltage at Pmax (V <sub>mp</sub> )	Awaiting Testing Results
Short circuit current (I <sub>sc</sub> )	Awaiting Testing Results
Open-circuit voltage (V <sub>oc</sub> )	Awaiting Testing Results

Production Tolerance For Above Values + or - 5%

Reduction of efficiency from 1000w/m<sup>2</sup> to 200w/m<sup>2</sup>: 93.0% of STC Values

Maximum System Voltage:	1000V
Limiting Reverse Current:	Awaiting Test Results

Normally Operating Cell Temperature:	Awaiting Testing Results
Temperature Coefficient of Power:	-0.46 %/K
Temperature Coefficient of Voc:	- 107.6 mV/K
Temperature Coefficient of Isc:	+ 4.07 mA/K

Products are under continuous development and may be subject to change

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Unit 2 Glan-y-Llyn Industrial Estate, Cardiff Road, Taffs Well, Cardiff, CF15 7JD, UK  
Tel: +44 (0) 29 2082 0910 Fax: + 44 (0) 29 2082 0911 Web: www.gb-sol.co.uk