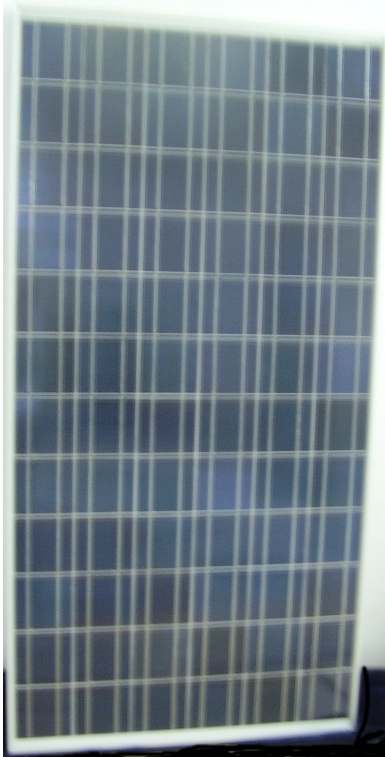


Photon PM0185

Photovoltaic Module Family
 Model: PM0175/ PM0180/ PM0185



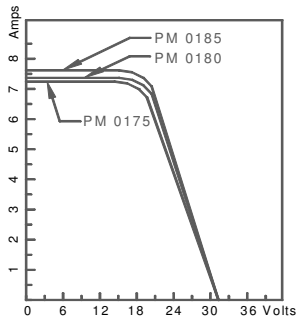
The module picture above is only indicative and may not depict the actual module

Model	PM0175	PM0180	PM0185
Electrical parameters			
Nominal Power – Pmax (Watts)	175	180	185
Voltage at Maximum Power – Vmp (Volts)	26.6	26.6	26.6
Current at Maximum Power – Imp (Amps)	6.6	6.8	7.0
Open Circuit Voltage – Voc (Volts)	32.4	32.4	32.4
Short Circuit Current – Isc (Amps)	7.3	7.4	7.6
Maximum System Voltage	1000 VDC		
Temperature Coefficient - Voc	-0.074 V / °C		
Temperature Coefficient - Isc	+2.80 mA / °C		
Solar Cells per Module – Units	54		
Parent Solar Cell Size - mm	156 Sq. Multi Crystalline		
Mechanical Details			
Dimensions – L x W x T mm	1490 x 990 x 42		
Weight – Kgs	17.5		
Mounting Holes Pitch (Y) – mm	900		
Mounting Holes Pitch (X) – mm	949		
Area – Sq. Mtrs	1.48		

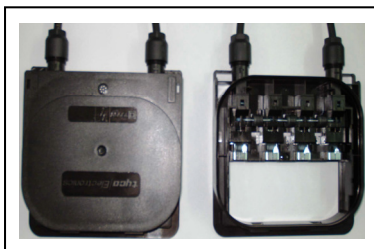
- Measurement Tolerance on Electrical Parameters $\pm 5\%$.
- All specified parameters are at STC 25°C cell, 100mW / cm² irradiance and AM 1.5.
- Specifications subject to change without prior notice due to product up gradations.
- All Modules will be supplied with prefixed cables and connectors.
 (Two cables of 4 Sq. mm and length 0.9m each).

Certifications: IEC 61215 / IEC 61730-1 / IEC 61730-2 & TUV Safety Class II

IV-Characteristics



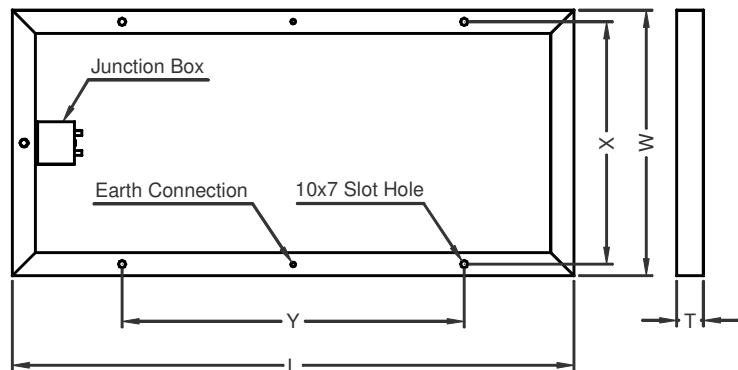
Junction Box – JB6



115 x 110 x 22.5 mm
 Four Terminals
 Three 15A Diodes

Mounting Details

All dimensions in mm and tolerances ± 2 mm



Rear view

Side view