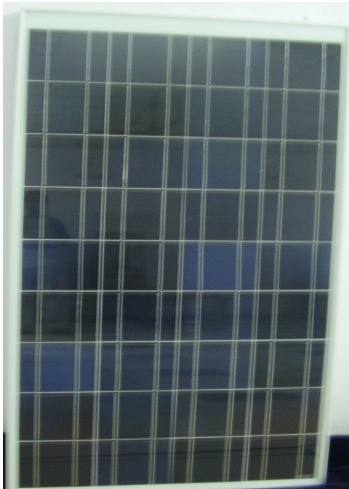




Photon PM080

Photovoltaic Module Family

Model: PM070/ PM075/ PM080



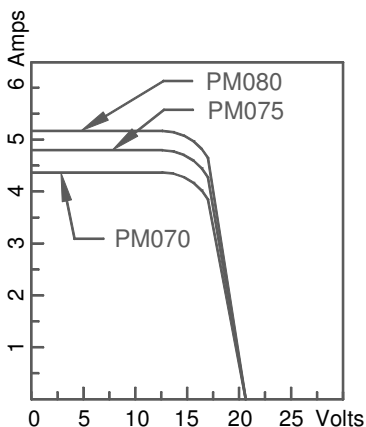
The module picture above is only indicative and may not depict the actual module

Model	PM070	PM075	PM080
Electrical parameters			
Nominal Power – Pmax (Watts)	70	75	80
Voltage at Maximum Power – Vmp (Volts)	17.7	17.7	17.7
Current at Maximum Power – Imp (Amps)	4.0	4.2	4.5
Open Circuit Voltage – Voc (Volts)	21.6	21.6	21.6
Short Circuit Current – Isc (Amps)	4.4	4.8	5.1
Maximum System Voltage	1000 VDC		
Temperature Coefficient - Voc	-0.074 V / °C		
Temperature Coefficient - Isc	+2.80 mA / °C		
Solar Cells per Module - Units	36		
Parent Solar Cell Size - mm	156 Sq. Multi Crystalline		
Mechanical Details			
Dimensions – L x W x T mm	890 x 655 x 34		
Weight – Kgs	7.0		
Mounting Holes Pitch (Y) – mm	510		
Mounting Holes Pitch (X) – mm	611		
Area – Sq. Mtrs	0.58		

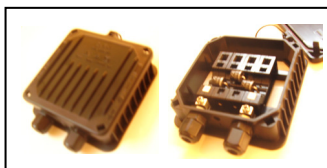
- Measurement Tolerance on Electrical Parameters $\pm 5\%$.
- All specified parameters are at STC 25°C cell, 100mW / cm² irradiance and AM 1.5.
- Specifications subject to change without prior notice due to product up gradations.

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

IV-Characteristics



Junction Box – JB5



97 x 94 x 29 mm
Four Terminals
Two 10A Diodes

Mounting Details

All dimensions in mm and tolerances ± 2 mm

