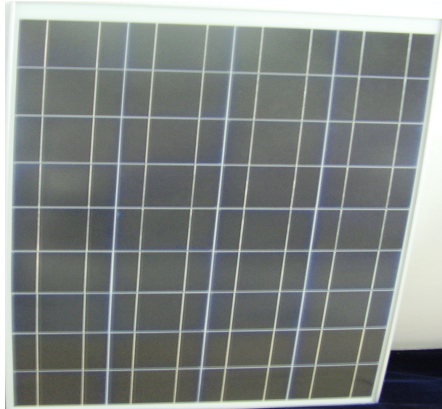




Photon PM045

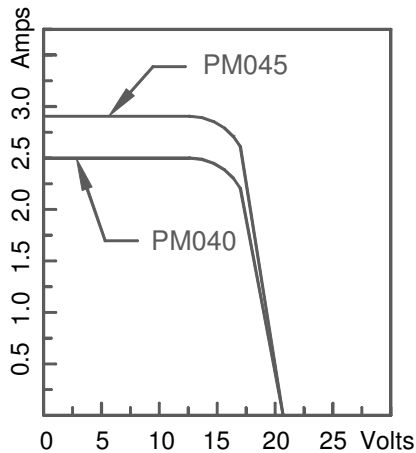
Photovoltaic Module Family

Model: PM040 / PM045

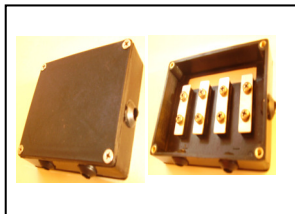


The module picture above is only indicative and may not depict the actual module

IV-Characteristics



Junction Box – JB3



78 x 105 x 26 mm
Four Terminals

Model	PM040	PM045
Electrical parameters		
Nominal Power – Pmax (Watts)	40	45
Voltage at Maximum Power – Vmp (Volts)	17.7	17.7
Current at Maximum Power – Imp (Amps)	2.3	2.5
Open Circuit Voltage – Voc (Volts)	21.6	21.6
Short Circuit Current – Isc (Amps)	2.5	2.9
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	535 x 655 x 34	
Weight – Kgs	3.9	
Mounting Holes Pitch (Y) – mm	200	
Mounting Holes Pitch (X) – mm	611	
Area – Sq. Mtrs	0.35	

- 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

Mounting Details

All dimensions in mm and tolerances ± 2 mm

