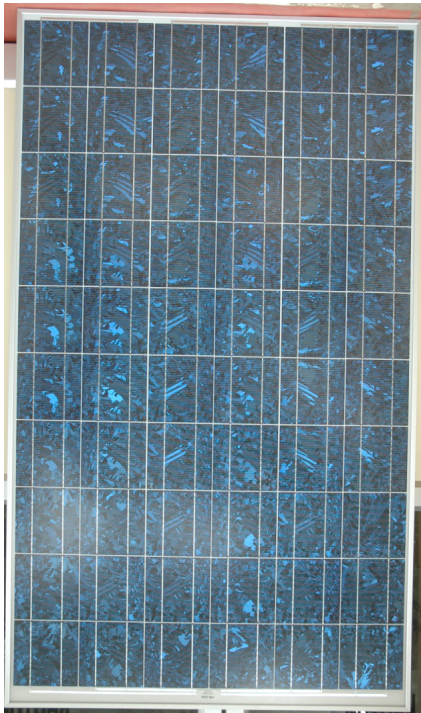


# Photon PM0250

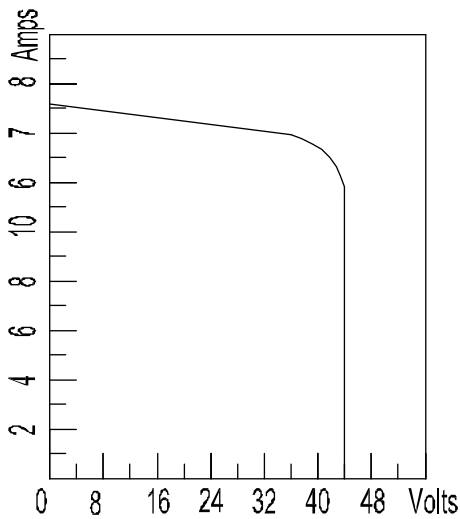
Photovoltaic Module  
Model: PM0250



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

Model	PM0250
<b>Electrical Parameters</b>	
<b>Nominal Power - Pmax (Watts)</b>	<b>250</b>
Voltage at Maximum Power – Vmp (Volts)	36
Current at Maximum Power – Imp (Amps)	6.95
Open Circuit Voltage – Voc (Volts)	44
Short Circuit Current – Isc (Amps)	7.63
Maximum System Voltage	1000 VDC
Temperature Coefficient - Voc	-133.26 mV / °K
Temperature Coefficient - Isc	+2.28 mA / °K
Solar Cells per Module – Units	72
Parent Solar Cell Size - mm	156 Sq. Multi Crystalline
<b>Mechanical Details</b>	
<b>Dimensions – L x W x T mm</b>	<b>1990 x 997 x 50</b>
Weight – Kgs	28
Mounting Holes Pitch (Y) – mm	1400 & 700 ± 2
Mounting Holes Pitch (X) – mm	947 ± 2
Area – Sq. Mtrs	1.98

## IV-Characteristics

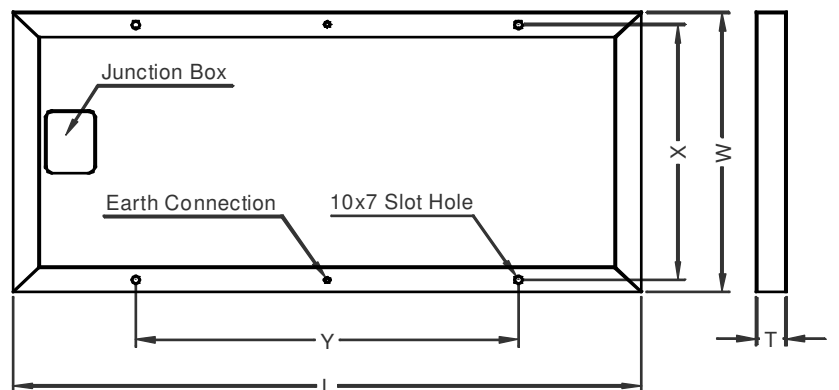


- Measurement Tolerance on Electrical Parameters ± 5%.
- All specified parameters are at STC 25°C cell, 100mW / cm<sup>2</sup> irradiance and AM 1.5.
- Specifications subject to change without prior notice due to product up gradations.
- All Modules will be supplied with prefixed cables and connectors.  
(Two cables of 4 Sq. mm and length 0.9m each).

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

## Mounting Details

All dimensions in mm and tolerances ± 2mm



## Junction Box – HSJB



129 x 94 x 16mm  
Four Terminal  
Three 15A Diodes

Rear view

Side view

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