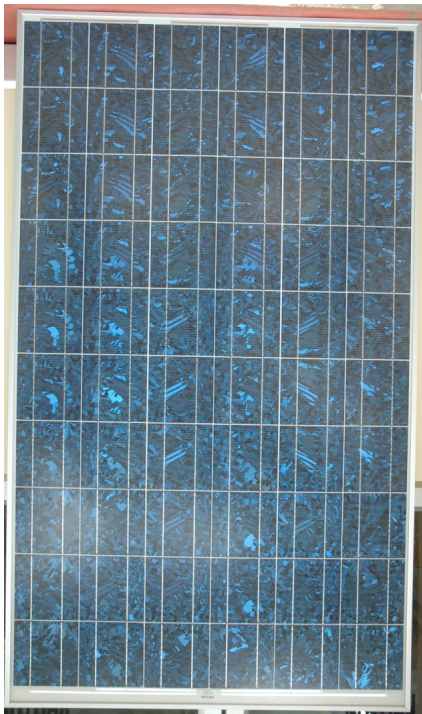




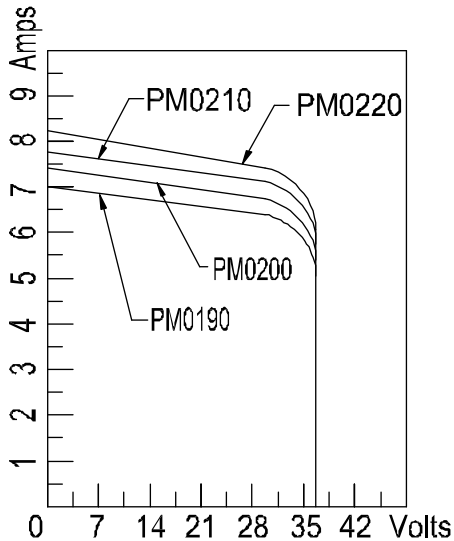
# Photon PM0220

Photovoltaic Module Family  
 Model: PM0190 / PM0200 /  
 PM0210/ PM0220



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

## IV-Characteristics



## Junction Box – HSJB



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

Model	PM0190	PM0200	PM0210	PM0220
<b>Electrical Parameters</b>				
<b>Nominal Power – Pmax (Watts)</b>	<b>190</b>	<b>200</b>	<b>210</b>	<b>220</b>
Voltage at Maximum Power – Vmp (Volts)	29.6	29.6	29.6	29.6
Current at Maximum Power – Imp (Amps)	6.4	6.8	7.1	7.4
Open Circuit Voltage – Voc (Volts)	36.0	36.0	36.0	36.0
Short Circuit Current – Isc (Amps)	7.0	7.4	7.8	8.2
Maximum System Voltage	1000 VDC			
Temperature Coefficient - Voc	-133.26 mV / °K			
Temperature Coefficient - Isc	+2.28 mA / °K			
Solar Cells per Module - Units	60			
Type of Solar PV Cell	Mono / Multi Crystalline			
Parent Solar Cell Size (mm)	156 Sq			

## Mechanical Details

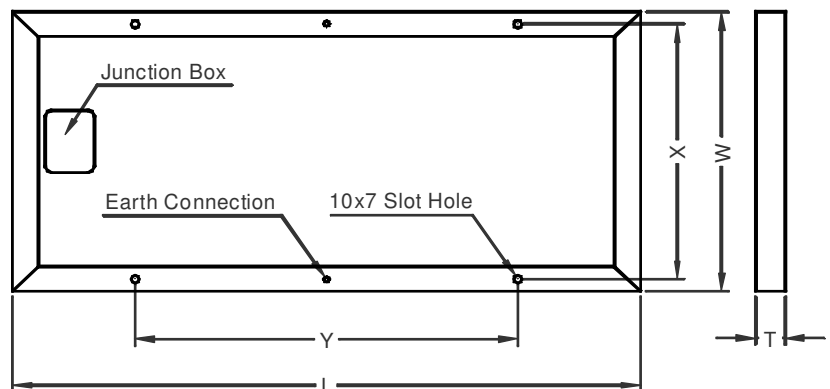
<b>Dimensions – L x W x T mm</b>	<b>1660 x 990 x 42</b>
Weight – Kgs	20
Mounting Holes Pitch (Y) – mm	1100 ± 2
Mounting Holes Pitch (X) – mm	953 ± 2
Area – Sq. Mtrs	1.64

- 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



Rear view

Side view