

# Photon PM0020

Photovoltaic Module  
Wattage: 20 Wp

# Photon Energy Systems Limited

An ISO 9001:2000 Company

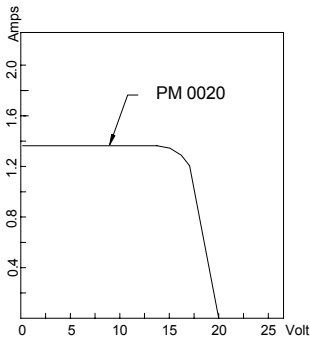


The module picture above is only indicative and may not depict the actual module

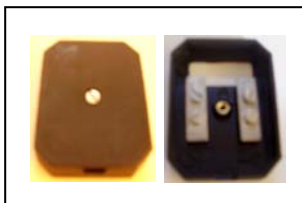
Electrical Parameters		
Model	PM0020	
Power – Pmax (Watts)	Nominal 20	
Voltage at Maximum Power – Vmp (Volts)	16.5	
Current at Maximum Power – Imp (Amps)	1.22	
Open Circuit Voltage – Voc (Volts)	20.0	
Short Circuit Current – Isc (Amps)	1.36	
Solar Cells per Module (Units)	36	
Type of Solar PV Cell	Mono / Multi	
Parent Solar Cell Size (mm)	125 Sq or 125 PSq	150 Sq or 156 Sq
<b>Dimensions and Weights:</b>	<b>Type 1</b>	<b>Type 2</b>
Length (L) – mm	340	500
Width (W) – mm	535	340
Thickness (T) – mm	34	22
Weight – Kgs	2.5	2
Mounting Holes Pitch (Y) – mm	200	200
Mounting Holes Pitch (X) – mm	491	316
Area – Sq. Mtrs	0.18	0.17

- Measurement Tolerance on Electrical Parameters  $\pm 5\%$ .
- All specified parameters are at STC 25°C cell, 100mW / cm<sup>2</sup> irradiance and AM 1.5.
- Our standard range of modules is supplied without blocking diodes. However, blocking diodes can be provided on specific customer request.
- Specifications subject to change without prior notice due to product up gradations.

## IV-Characteristics

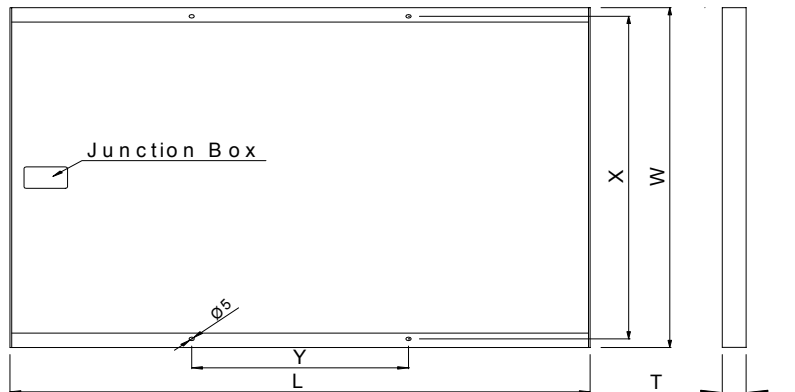


## Junction Box – JB2



50 x 40 x 10 mm  
Two Terminals

## Mounting Details



Rear view

Side view

All dimensions are in mm and tolerances  $\pm 2$ mm