

Photon PM0005

Photovoltaic Module

Wattage: 5 Wp (6V or 12V)

Photon Energy Systems Limited

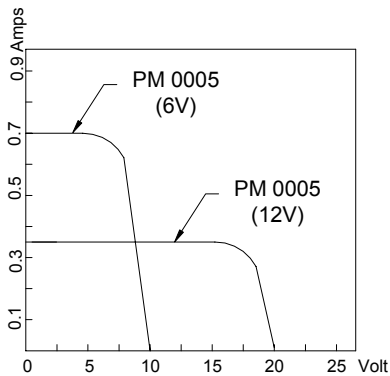
An ISO 9001:2000 Company



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

| Electrical Parameters | | |
|----------------------------------------|----------------|-------|
| Model | PM0005 | |
| Power – Pmax (Watts) | Nominal 5 | |
| Nominal Voltage (Volts) | 6 | 12 |
| Voltage at Maximum Power – Vmp (Volts) | 8.2 | 16.5 |
| Current at Maximum Power – Imp (Amps) | 0.6 | 10.31 |
| Open Circuit Voltage – Voc (Volts) | 10.0 | 20.0 |
| Short Circuit Current – Isc (Amps) | 0.7 | 0.35 |
| Solar Cells per Module (Units) | 18 | 36 |
| Type of Solar PV Cell | Mono / Multi | |
| Parent Solar Cell Size (mm) | 150Sq or 156Sq | |
| Dimensions and Weights: | | |
| Length (L) – mm | 300 | |
| Width (W) – mm | 185 | |
| Thickness (T) – mm | 22 | |
| Weight – Kgs | 0.7 | |
| Mounting Holes Pitch (Y) – mm | 200 | |
| Mounting Holes Pitch (X) – mm | 161 | |
| Area – Sq. Mtrs | 0.06 | |

IV-Characteristics



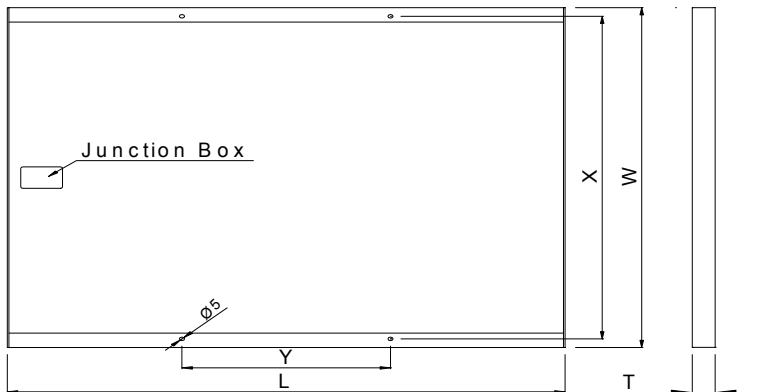
- Measurement Tolerance on Electrical Parameters $\pm 5\%$.
- All specified parameters are at STC 25°C cell, 100mW / cm² irradiance and AM 1.5.
- Our standard range of modules is supplied without blocking diodes. However, blocking diodes can be provided on specific customer request.
- Specifications subject to change without prior notice due to product up gradations.

Junction Box – JB1



40 x 30 x 8 mm
Two Terminals

Mounting Details



Rear view

Side view

All dimensions are in mm and tolerances ± 2 mm