

Photon PM0045

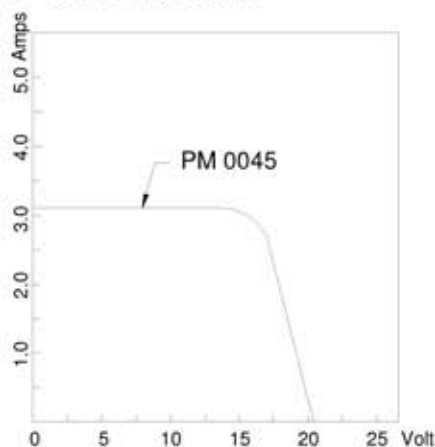
Photovoltaic Module
Wattage: 45 Wp



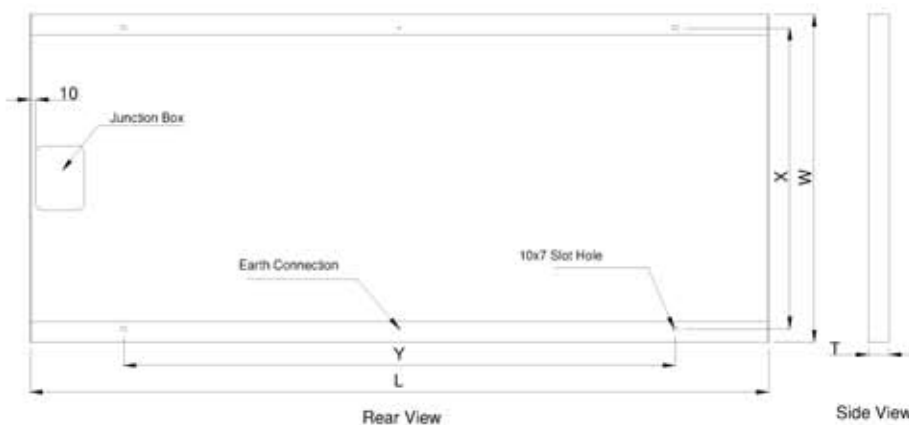
Electrical Parameters			
Model	PM0045		
Rated Power – Pld (Watts)	45		
Voltage at Rated Power – Vld (Volts)	16.4		
Voltage at Maximum Power – Vmp (Volts)	> 16.0		
Current at Maximum Power – Imp (Amps)	2.74		
Open Circuit Voltage – Voc (Volts)	20.0		
Short Circuit Current – Isc (Amps)	3.05		
Solar Cells per Module (Units)	36		
Type of Solar PV Cell	Mono / Multi / Ribbon		
Parent Solar Cell Size (mm)	125 Sq or 125 PSq	100 Sq	156 Sq
Dimensions and Weights:	Type 1	Type 2	Type 3
Length (L) – mm	1205	980	535
Width (W) – mm	535	435	655
Thickness (T) – mm	34	34	34
Weight – Kgs	7.2	5.1	4.5
Mounting Holes Pitch (Y) – mm	900	600	200
Mounting Holes Pitch (X) – mm	491	397	611
Area – Sq. Mtrs	0.65	0.43	0.36

Measurement Tolerance on Electrical Parameters $\pm 5\%$
 All specified parameters are at STC 25°C Ambient, 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 upgradations

IV-Characteristics



Mounting Details



All dimensions are in mm and tolerances $\pm 2\text{mm}$