

Technical Specifications



Electrical Characteristics*	
Power (Pm) in Watts (nominal)	230 (±5%)
Open Circuit Voltage (Voc) in Volts	36
Short Circuit Current (Isc) in Amps	8.5
Voltage at Maximum Power (Vmp) in Volts	29
Current at Maximum Power (Imp) in Amps	7.9
Maximum System Voltage	1000V
Solar Cells per Module (Units)	60
Length x Width x Thickness (L x W x T) mm	1645 x 995 x 42
Weight - Kg	20
Mounting Holes Pitch (Y) - mm	1000
Mounting Holes Pitch (X) - mm	945
Area - Sq. M	1.64
Junction Box	IP65 / 4T with 3 diodes

*All electrical parameters specified at STC: 25°C cell temperature; 100mW/Cm² irradiance; AM 1.5

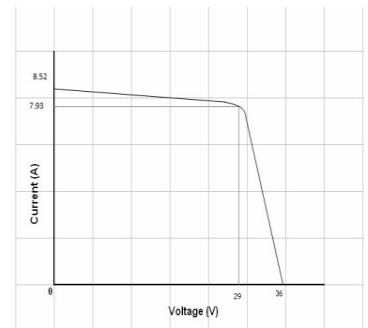
Construction Features

Type of cell	156 X 156mm Multi-Crystalline Si
Glass	Tempered & Low Iron
Encapsulate	Ethylene Vinyl Acetate
Frame	Anodized Aluminium
Junction Box	Weather Proof Nylon 6

Warranty

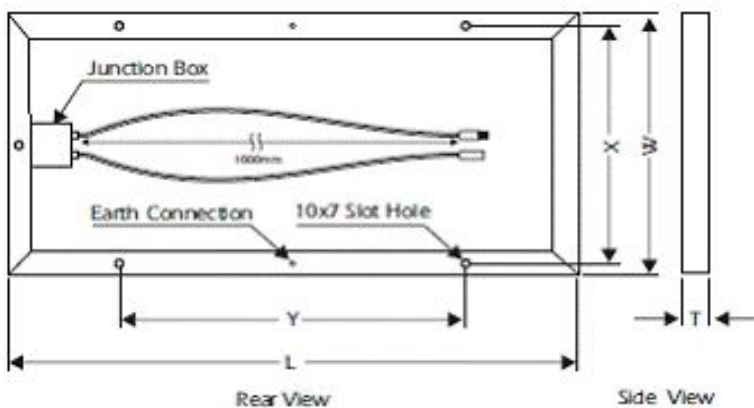
2 years Product Warranty
10 years - 90% of Power
25 Years - 80% of power

I-V Curve at STC



Mounting Details

All dimensions in mm and tolerances ±2mm



Temperature Coefficient

Voltage	-0.123 V / °K
Current	+4.4 mA / °K
Power	-0.47% / °K
NOCT	47 +/- 2 °C

*Due to constant product modifications, PHOTONIX reserves the right to amend the above specifications without prior notice

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