

Technical Specifications


	170 watt	160 watt	150 watt	140 watt
Power (Pm) in Watts (nominal)	170 (0~+3%)	160 (0~+3%)	150 (0~+3%)	140 (0~+3%)
Open Circuit Voltage (Voc) in Volts	44	44	43.5	43
Short Circuit Current (Isc) in Amps	5.10	5.85	4.55	4.40
Voltage at Maximum Power (Vmp) in Volts	36.5	36.0	36.0	35.5
Current at Maximum Power (Imp) in Amps	4.65	4.45	4.17	3.95
Maximum System Voltage	1000V	1000V	1000V	1000V
Solar Cells per Module (Units)	72	72	72	72
Length x Width x Thickness (mm)	1123 x 986 x 35			
Weight – Kg	13			
Mounting Holes Pitch (Y) – mm	570			
Mounting Holes Pitch (X) – mm	954			
Area – Sq. M	1.10			
Junction Box	IP65 3T/2T			

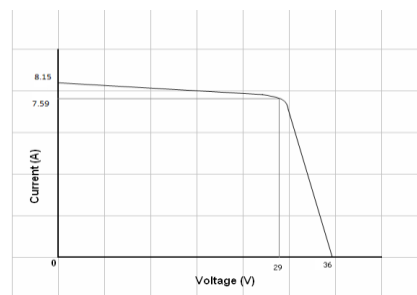
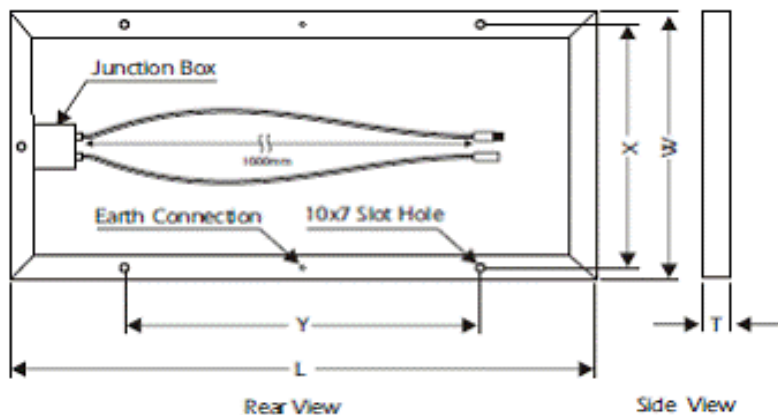
*All electrical parameters specified at STC: 25°C cell temperature; 1000W/M² irradiance; AM 1.5

Construction Features

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

Warranty

05 years Product Warranty
12 years – 90% of Power
25 Years – 80% of power

I-V Curve at STC

Mounting Details

Temperature Coefficient

Voltage	-0.35% / °C
Current	0.10% / °C
Power	-0.47% / °C
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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