

Technical Specifications



	250 watt	260 watt	280 watt	300 watt
Power (Pm) in Watts (nominal)	250 (0 ~ +3%)	260 (0 ~+3%)	280 (0 ~+3%)	300 (0~ +3%)
Open Circuit Voltage (Voc) in Volts	44.5	45.0	44	44.5
Short Circuit Current (Isc) in Amps	7.45	7.60	8.40	8.85
Voltage at Maximum Power (Vmp) in Volts	36.0	36.5	35.5	36.0
Current at Maximum Power (Imp) in Amps	6.95	7.13	7.90	8.35
Maximum System Voltage	1000		1000	
Solar Cells per Module (Units)	72		72	
Length x Width x Thick (L x W x T) mm	1649 x 990 x 35		1965x 990 x 35	
Weight – Kg	18.50		23	
Mounting Holes Pitch (Y) – mm	1000		1200	
Mounting Holes Pitch (X) – mm	958		958	
Area – Sq. M	1.63		1.94	
Junction Box	Ip65/4T with Play & Plug connector			

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

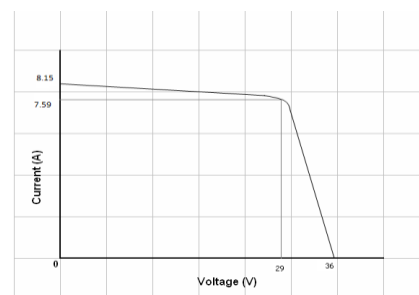
Construction Features

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

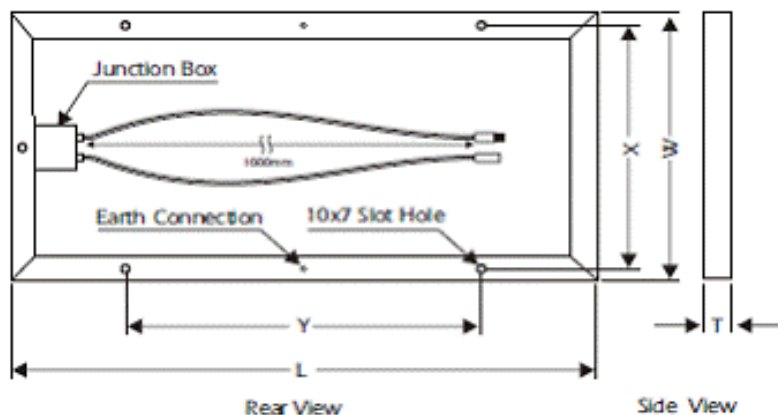
Warranty

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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