



## Technical Specifications

	<b>120 watt</b>	<b>110 watt</b>	<b>100 watt</b>
Power (Pm) in Watts (nominal)	120 (0~ +3%)	110 (0~ +3%)	100 (0~ +3%)
Open Circuit Voltage (Voc) in Volts	21.5	22.0	21.5
Short Circuit Current (Isc) in Amps	7.25	6.50	6.05
Voltage at Maximum Power (Vmp) in Volts	17.5	18.0	17.5
Current at Maximum Power (Imp) in Amps	6.85	6.12	5.72
Maximum System Voltage	1000V	1000V	1000V
Solar Cells per Module (Units)	36	36	36
Length x Width x Thickness (L x W x T) mm	1245 x 665 x 35	1100 x 665 x 35	
Weight – Kg	10.00	8.50	
Mounting Holes Pitch (Y) – mm	700	575	
Mounting Holes Pitch (X) – mm	633	633	
Area – Sq. M	0.83	0.73	
Junction Box	3T/ 2T	3T/ 2T	

\*All electrical parameters specified at STC: 25°C cell temperature; 1000W/M<sup>2</sup> irradiance; AM 1.5

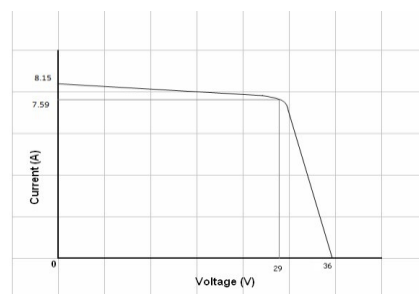
## Construction Features

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

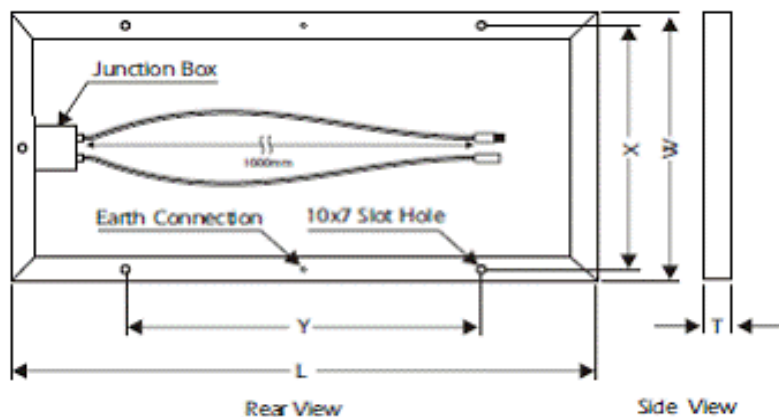
## Warranty

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, Satyam Solar Power Solutions reserves the right to amend the above specifications without prior notice

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