

**Technical Specifications**



	<b>190 watt</b>	<b>180 watt</b>	<b>170 watt</b>
Power (Pm) in Watts (nominal)	190 (0 ~+3%)	180 (0 ~+3%)	170 (0 ~+3%)
Open Circuit Voltage (Voc) in Volts	33	32	32
Short Circuit Current (Isc) in Amps	7.4	7.25	6.9
Voltage at Maximum Power (Vmp) in Volts	27	26.5	26
Current at Maximum Power (Imp) in Amps	7.0	6.79	6.5
Maximum System Voltage	1000V	1000V	1000V
Solar Cells per Module (Units)	54	54	54
Length x Width x Thickness (L x W x T) mm	1260 x 986 x 35		
Weight – Kg	14.00		
Mounting Holes Pitch (Y) – mm	700		
Mounting Holes Pitch (X) – mm	954		
Area – Sq. M	1.24		
Junction Box	Ip65/4T with Play & Plug connector		

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

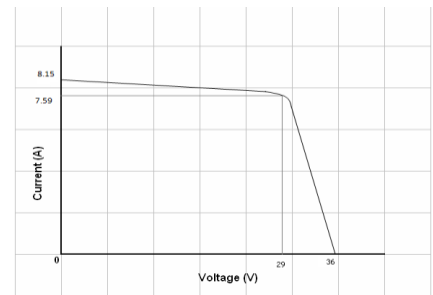
**Construction Features**

**Warranty**

**I-V Curve at STC**

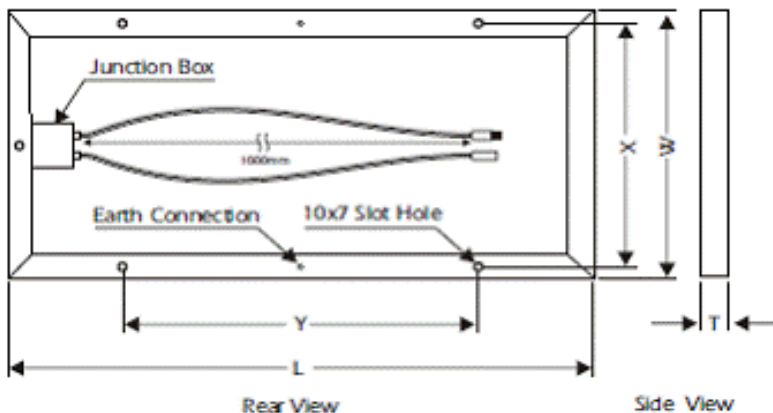
Type of cell      156 X 156mm Multi-Crystalline Si  
 Glass              Tempered & Low Iron  
 Encapsulate      Ethylene Vinyl Acetate  
 Frame              Anodized Aluminum  
 Junction Box      Weather Proof Nylon 6

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



**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