



### Technical Specifications



	<u>ESP 200</u>	<u>ESP 150</u>	<u>ESP 125</u>	<u>ESP 100</u>
Power (Pm) in Watts (nominal)	200	150	125	100
Open Circuit Voltage (Voc) in Volts	22.39	22.39	22.93	22.39
Short Circuit Current (Isc) in Amps	11.98	8.67	7.05	5.71
Voltage at Maximum Power (Vmp) in Volts	18.75	18.75	19.37	18.75
Current at Maximum Power (Imp) in Amps	11.05	8.13	6.56	5.35
Maximum System Voltage	1000		1000	1000
Solar Cells per Module (Units)	72	36	36	36
Length x Width x Thick (L x W x T) mm	1340x985x35	1490x665x35	1285x660x35	1015x665x35
Weight – Kg	15.50	12.0	9.0	7.50
Mounting Holes Pitch (Y) – mm	955	630	630	630
Mounting Holes Pitch (X) – mm	695	980	500	500
Area – Sq. M	1.31	0.99	0.84	0.67
Junction Box (Terminal)	4T (15A – 3 Diode)	3T (15A – 2 Diode)	3T (10A – 2 Diode)	3T (10A – 2 Diode)

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

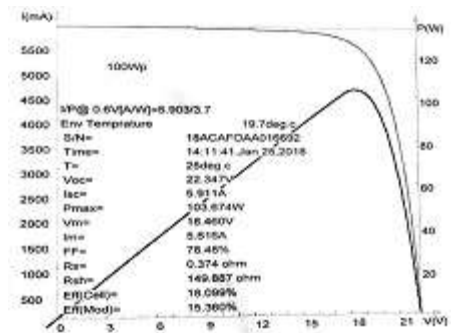
### Construction Features

Type of cell 156.75x156.75mm Multi-Crystalline  
 Glass Tempered & Low Iron  
 Encapsulate Ethylene Vinyl Acetate  
 Frame Anodized Aluminum  
 Junction Box Weather Proof Nylon 6

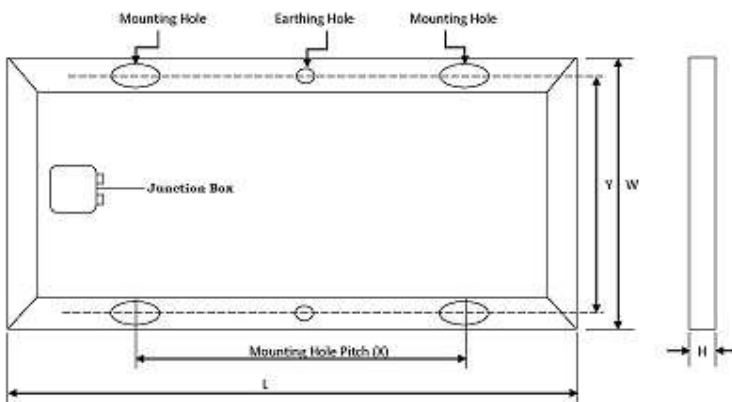
### Warranty

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, ESP reserves the right to amend the above specifications without prior notice