

Technical Specifications



	OFC 50
Power (Pm) in Watts (nominal)	50 (0~+3%)
Open Circuit Voltage (Voc) in Volts	22
Short Circuit Current (Isc) in Amps	3.20
Voltage at Maximum Power (Vmp) in Volts	18
Current at Maximum Power (Imp) in Amps	2.78
Maximum System Voltage	600V
Solar Cells per Module (Units)	36
Length x Width x Thickness (L x W x T) mm	555X665X35
Weight – Kg	4.7
Mounting Holes Pitch (Y) – mm	277.5
Mounting Holes Pitch (X) – mm	633
Area – Sq. M	0.37
Junction Box	3T-2DIODE

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

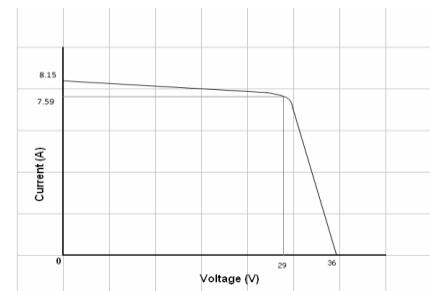
Construction Features

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

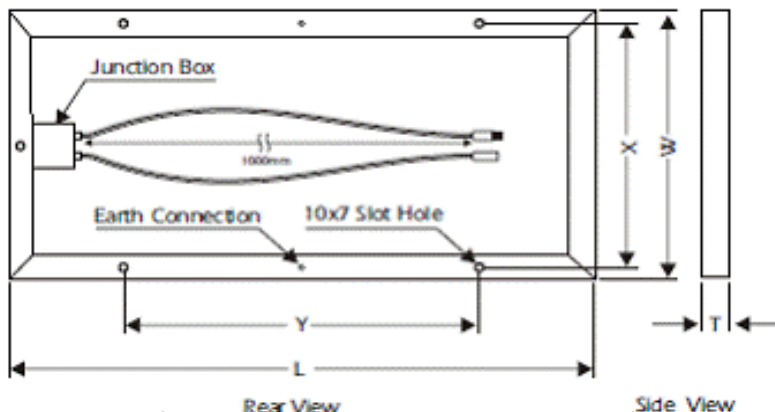
Warranty

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

I-V Curve at STC



Mounting Details



Temperature Coefficient

Voltage	-0.30% / °C
Current	0.07% / °C
Power	-0.38% / °C
NOCT	47±2 °C

*Due to constant product modifications, **OFCA SOLAR** reserves the right to amend the above specifications without prior notice

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