

# ECE 75/80W (POLY CRYSTALLINE)

## Technical Specifications



	ECE12CP075	ECE12CP080
Nominal Power (Pm) in Watts	75 (0 ~+2%)	80 (0 ~+2%)
Open Circuit Voltage (Voc) in Volts	22.75	22.75
Short Circuit Current (Isc) in Amps	4.18	4.33
Voltage at Maximum Power (Vmp) in Volts	19.48	19.48
Current at Maximum Power (Imp) in Amps	3.89	4.11
Maximum System Voltage	1000V	
Solar Cells per Module	36	
Length x Width x Thickness (L x W x T) mm	775 x 665 x 22	
Weight – Kg	5.2	
Mounting Holes Pitch (Y) – mm	245 ~+ 2	
Mounting Holes Pitch (X) – mm	634 ~+4	
Area – Sq. M	0.515375 SQM	
Junction Box	3T2D 10 AMP	

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

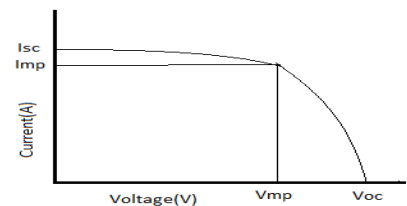
## Construction Features

Type of cell	Poly Crystalline
Matrix	9X4
Glass	Tempered & Low Iron
Encapsulate	Ethylene Vinyl Acetate
Frame	Anodized Aluminum
Junction Box	Weather Proof Nylon 6

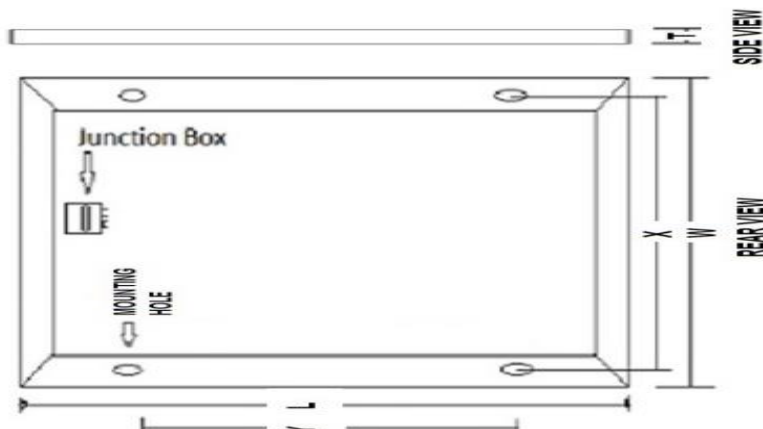
## Warranty

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

## I-V Curve at STC



## Mounting Details



\*Due to constant product modifications, company reserves the right to amend the above specifications without prior notice.

## Temperature Coefficient

Voltage (Voc)	-0.34% / °C
Current (Isc)	0.05% / °C
Power (Pmax)	-0.41% / °C
NOCT	47+/-2 / °C

**ECE INDIA ENERGIES PRIVATE LIMITED**

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