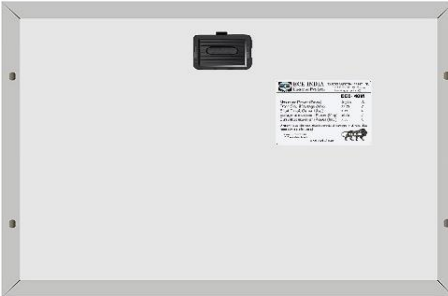
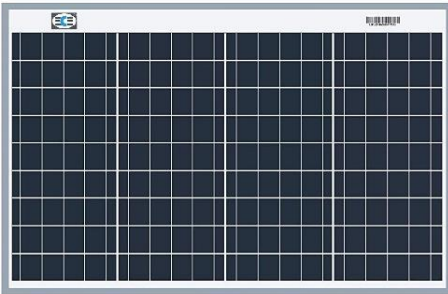


# ECE 60W (POLY CRYSTALLINE)

## Technical Specifications



|   | ECE12CP060     |
|---|----------------|
| Nominal Power (Pm) in Watts               | 60 (0 ~+2%)    |
| Open Circuit Voltage (Voc) in Volts       | 23.72          |
| Short Circuit Current (Isc) in Amps       | 3.20           |
| Voltage at Maximum Power (Vmp) in Volts   | 20.27          |
| Current at Maximum Power (Imp) in Amps    | 2.96           |
| Maximum System Voltage                    | 1000V          |
| Solar Cells per Module                    | 36             |
| Length x Width x Thickness (L x W x T) mm | 546 x 670 x 22 |
| Weight – Kg                               | 3.5            |
| Mounting Holes Pitch (Y) – mm             | 247 ~+ 2       |
| Mounting Holes Pitch (X) – mm             | 632 ~+4        |
| Area – Sq. M                              | 0.3631 SQM     |
| Junction Box                              | 2T1D 6 AMP     |

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

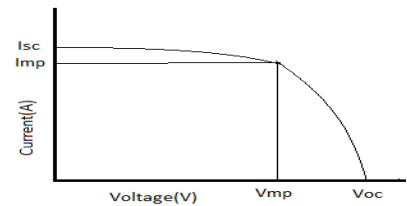
### Construction Features

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

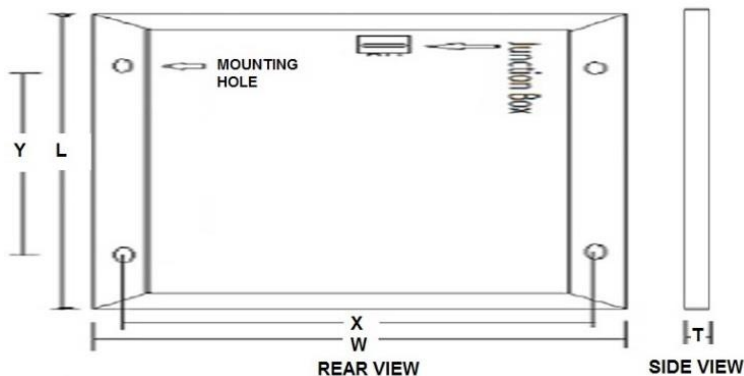
### Warranty

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

### I-V Curve at STC



### Mounting Details



### Temperature Coefficient

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

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

**ECE INDIA ENERGIES PRIVATE LIMITED**

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