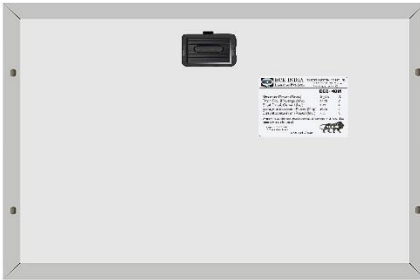
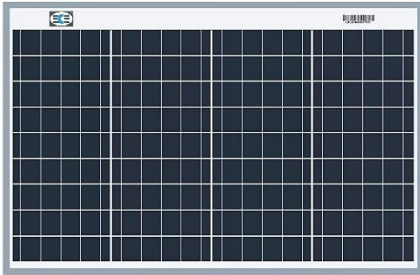


ECE 40W (POLY CRYSTALLINE)

Technical Specifications



	ECE12CP040
Power (Pm) in Watts (nominal)	40 (0 ~+2%)
Open Circuit Voltage (Voc) in Volts	22.75
Short Circuit Current (Isc) in Amps	2.23
Voltage at Maximum Power (Vmp) in Volts	19.48
Current at Maximum Power (Imp) in Amps	2.05
Maximum System Voltage	1000V
Solar Cells per Module (Units)	36
Length x Width x Thickness (L x W x T) mm	410 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	0.281536
Junction Box	2T1D 6 AMP

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

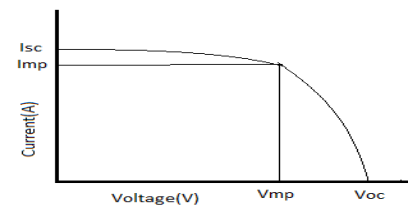
Construction Features

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

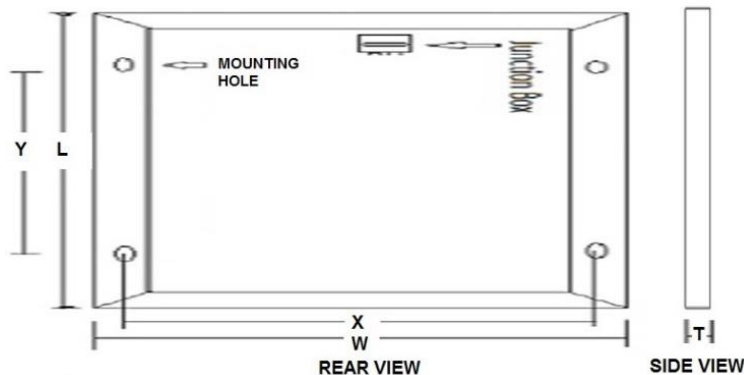
Warranty

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.