

## Technical Specifications

Electrical Characteristics	ESP40Wp	ESP50Wp	ESP60Wp	ESP75Wp			
Power (Pm) in Watts (Nominal)	40	50	60	75			
Open Circuit Voltage (Voc) in Volts	22.39	22.39	22.32	22.39			
Short Circuit Current (Isc) in Amps	2.29	2.85	4.28	4.28			
Voltage at Maximum Power (Vmp) in Volts	18.75	18.75	18.3	18.75			
Current at Maximum Power (Imp) in Amps	2.14	2.67	3.29	4.01			
Maximum System Voltage	1000V	1000V	1000V	1000V			
Solar Cells Per Module (Units)	36	36	36	36			
Length x Width thickness in mm	470 x 665 x 35	665 X 550 X 35	665 x 640 x 35	775 x 665 x 35			
Weight – KG	3.5	4.20	5.0	6.70			
Mounting Holes Pitch (Y) – mm	630	515	515	630			
Mounting Holes Pitch (X) – mm	200	335	335	400			
Area - Sq. M	0.31	0.36	0.42	0.51			
Junction Box (Terminals)	3(T) 2 Diode 10 Amps						

### Construction Features

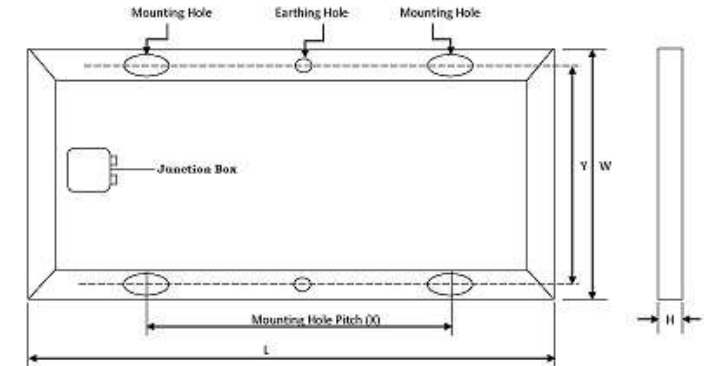
Type of cell	Multi-Crystalline Si
Front Face	Tempered Glass & Low Iron
Encapsulate	Ethylene Vinyl Acetate
Frame	Anodized Aluminium
Junction Box	Weather Proof Nylon 6

Certifications: IEC 61215 / IEC 61730-1 / IEC 61730-2

All modules are supplied with screw less Hollow section frames

Warranty: Limited Extended warranty up to 10 years

### Mounting Details



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

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