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Solar Panel Guide Specification Data Sheet

Ecosol Power Pvt. Ltd.

ECO-12V 110-160

ECO-12V115

Also available on the web at
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ECOSOL POWER PRIVATE LIMITED

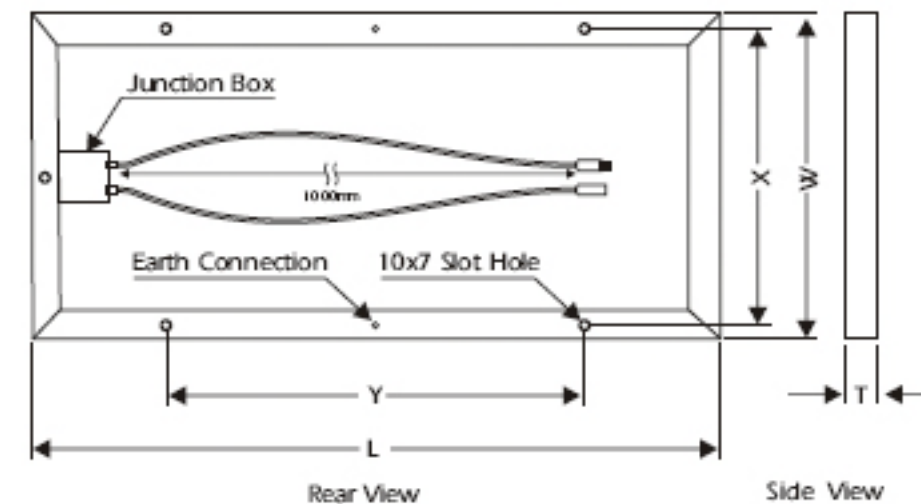
STANDARD SOLAR PV MODULE SPECIFICATIONS

	ECO-12V110	ECO-12V115	ECO-12V120	ECO-12V125	ECO-12V130	ECO-12V140	ECO-12V150	ECO-12V160
ELECTRICAL SPECIFICATIONS								
MAX. POWER -Pmax- WATTS	110	115	120	125	130	140	150	160
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	21	21	21	21	21	21	30	30
SHORT CIRCUIT CURRENT-Isc, AMPS	7.4	7.6	7.8	8.1	8.3	8.8	7.4	7.6
VOLTAGE AT MAX.POWER POINT-Vmpp,VOLTS	17	17	17	17	17	17	25.5	25.5
CURRENT AT MAX.POWER POINT-Imp-AMPS	6.5	6.8	7.1	7.4	7.7	8.3	6	6.5
NO.OF CELLS IN SERIES CONNECTED,N	36	36	36	36	36	36	48	48
NOMINAL VOLTAGE -V , VOLTS DC	12	12	12	12	12	12	18	18
MECHANICAL SPECIFICATIONS								
MODULE SIZE- L X W X T , mm	1200X655X35	1200X655X35	1490X655X35	1490X655X35	1490X655X35	1490X655X35	1340X990X425	1490X655X35
MODULE WEIGHT(BARE)- KG	9.5	9.5	12	12	12	12	15	15
MOUNTING HOLE PITCH ON LENGTH-Y mm	900	900	900	900	900	900	900	900
MOUNTING HOLE PITCH ON WIDTH-X mm	611	611	611	611	611	611	949	949

- 1 All modules are made with MONO/POLY CRYSTALLINE SOLAR CELLS
- 2 All measurement tolerances on electrical parameters are lies in +/- 5%
- 3 All electrical parameters specified above are measured at STC conditions
Cell temperature 25 deg.C, 1000W/ M2 Irradiance and 1.5 AM Spectrum
- 4 Our standard modules supplied without bypass diode and can be arranged on request
- 5 All specifications are subject to change without notice.
- 6 Cable glands and cables will be provided on request at extra cost
- 7 All above modules have 10 years limited extended warranty

Mounting Details

All dimensions in mm and tolerances ±2mm



Ecosol Power Pvt. Ltd

Office: Plot No: 124, Suryanagar, Near IDPL colony, Balanagar, Hyderabad 500037

Tel: +91-9849296281 eMail: nrk@ecosolpower.com