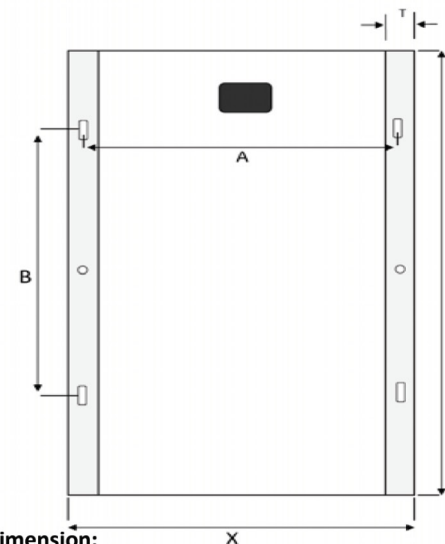




PHOTOVOLTAIC MODULE DATA SHEET

Model No.	DRS-1210
TYPICAL ELECTRICAL CHARECTORISTIC	
Nominal Power at STC, (Pmax)	10 Watt
Maximum Voltage at Pmax, (Vmp)	17.5V DC
Maximum Current at Pmax, (Imp)	0.57 A
Open Circuit Voltage, (Voc)	21.7V DC
Short Circuit Current, (Isc)	0.69 A
Temperature Co-efficient of Pmax	-0.43%/K
Temperature Co-efficient of Voc	-0.36%/K
Temperature Coefficient of Isc	+0.06%/K
Max. System Voltage	1000V DC
Operating Temperature	(-)40 to (+)85°C
Storage Temperature	(-)40 to (+)85°C
NOCT	47°C
Standard Test Condition	Irradiance 1000W/m ² , Module temperature at 25° C and AM 1.5G Spectrum
CELL CHARECTORISTIC	
Type of Solar Cell	Poly Crystalline, 156x156mm±0.5mm
Number of Cells /Cell Size	36 / 36X52 mm
Arrangement of Cells	6x6
MECHANICAL CHARECTORISTIC	
Frame	Anodized Aluminum frame, Single Channel
Ground Hole	--
Drain Holes	--
Front Glass	3.2mm Low Iron, Tempered and Textured Glass
Type of Junction Box	2 Terminal Polycarbonate
Protection for Junction Box	NA
Size of Junction Box	50x40 mm
Primary Packing Box Dimension(LWH)	295x30x350mm
Number of Module per Secondary Box	20 No.
Secondary Packing Box Dimension(LWH)	700x305x370mm
Weight of Individual Module	1.1 Kgs
Weight of Secondary Box with Module	25Kgs
TOLERANCE	
Power	±5% under STC
Electrical Parameters	±10% under STC
Physical Dimension	±4mm
Weight	±5%

Module Diagram:



Mechanical Dimension:

Module Dimension in mm			Mounting Dimension in mm		
Length	Y	342	Length	B	142
Width	X	288.5	Width	A	264
Channel Thickness	T	22	Pitch Hole		5mm Dia
Module Dimension Tolerance ± 2mm					

Notes:

- *Performance parameters are under Standard Test Conditions (STC) @ 1000W/m², AM 1.5, 25° C
- Mounting Hole Dimensions in mm (LxW) @ 4no's on Length (L) side of Channel
- Power Tolerance: ± 5%, 4. Electrical Parameter Tolerance: ± 10% 5. Max. System Voltage (V DC): As per IEC 61215 Ed.2 1000V & UL 1703 600V
- Drain holes of @Ø4mm shall be provided at every corner if required
- Ground Holes @Ø 5mm-2 no's are provided at the center Length (L) side of Channels
- Due to continuous development and product improvement, Company reserves the right to change / alter the specifications without any prior notice