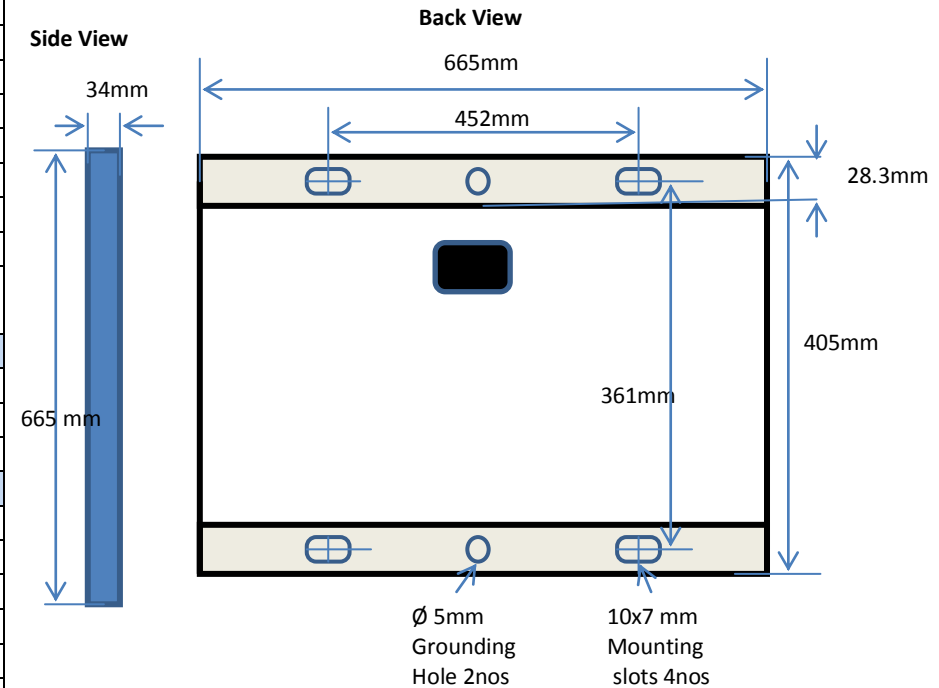




Model No.	ASL-S 3012
ELECTRICAL CHARACTERISTIC	
Nominal Power at STC, (Pmax)	30 WP
Maximum Voltage at Pmax, (Vmp)	18.0 V DC
Maximum Current at Pmax, (Imp)	1.667 A
Open Circuit Voltage, (Voc)	21.6 DC
Short Circuit Current, (Isc)	1.867 A
Max. System Voltage	1000V DC
Nominal Operating cell temperature (NOCT)	47° C ± 2° C
Temperature coefficient- power	0.00157%/°C
Standard Test Condition	Irradiance 1000W/m², Module temperature at 25° C and AM 1.5
CELL CHARACTERISTIC	
Type of Solar Cell	Mono / Poly Crystalline, 156x156mm±0.5mm
Number of Cells /Cell Size	36 / 32X156 mm
Arrangement of Cells	9x4
MECHANICAL CHARACTERISTIC	
Frame	Anodized Aluminum alloy
Ground Hole	Dia-5mm-2Nos at the center Length side of Channels
Drain Holes	N/A
Front Glass	3.2mm Low Iron, Tempered and Textured Glass
Type of Junction Box	IP65 With bypass Diode 3 Terminal Polycarbonate
Primary Packing Box Dimension (LWH)	680x50x420mm
Number of Module per Secondary Box	5 in one
Secondary Packing Box Dimension (LWH)	700x300x450mm
Weight of Individual Module	3.0 Kgs
Weight of Secondary Box with Module	20.6 Kgs
TOLERANCE	
Power	±5% under STC
Electrical Parameters	±10% under STC
Physical Dimension	±3mm
Weight	±5%

PHOTOVOLTAIC MODULE DATA SHEET



Mechanical Dimension:

Module Dimension in mm		Mounting Dimension in mm	
Length	665	Length	452
Width	405	Width	361
Channel Thickness	34	Pitch Hole	10x7
Module Dimension Tolerance ± 3mm			

- Notes:**
- Performance parameters are under Standard Test Conditions (STC) @ 1000W/m², (AM 1.5, 25° C)
 - Max. System Voltage (V DC): As per IEC 61215 Ed.2 1000V & UL 1703 600V
 - Model No. Nomenclature: "ASL" "Stands for Access solar limited", "S" for "Small power series", "R" for "RDSO" series and "P" for "High power Series"
 - Due to continuous development and product improvement, Company reserves the right to change / alter the specifications without any prior notice

Prepared By:

Approved By: