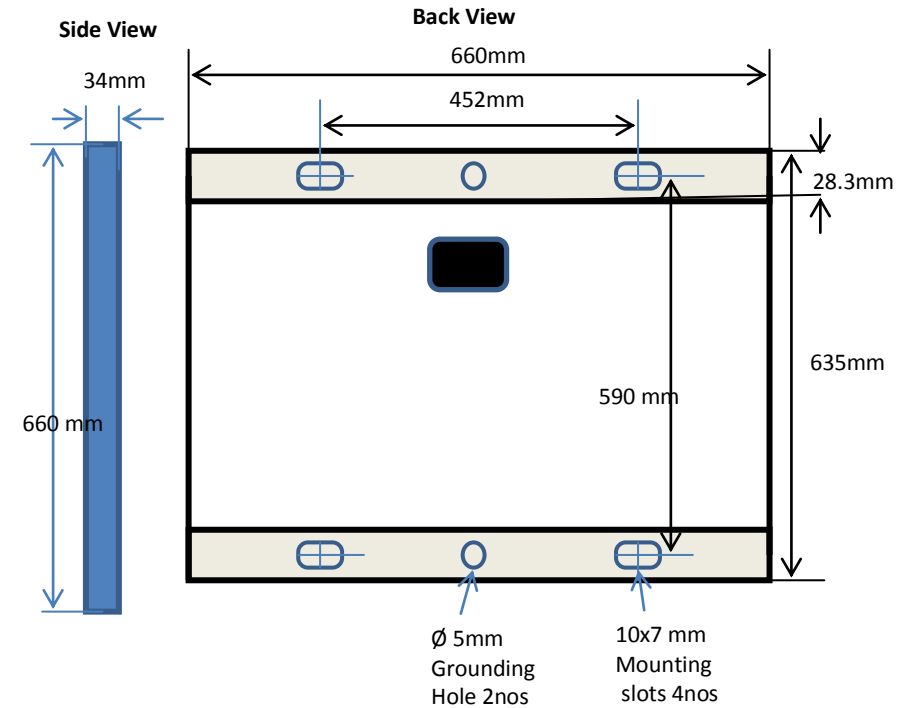




Model No.	ASL-S5012
ELECTRICAL CHARACTERISTIC	
Nominal Power at STC, (Pmax)	50 WP
Maximum Voltage at Pmax, (Vmp)	18.0 V DC
Maximum Current at Pmax, (Imp)	2.778 A
Open Circuit Voltage, (Voc)	21.6 DC
Short Circuit Current, (Isc)	3.118A
Max. System Voltage	1000V DC
Nominal Operating cell temperature (NOCT)	47°C ± 2°C
Temperature coefficient- power	0.00157%/°C
Standard Test Condition	Irradiance 1000W/m ² , 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 / 56X156 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)	680x50x650mm
Number of Module per Secondary Box	5 in one
Secondary Packing Box Dimension (LWH)	705x325x675mm
Weight of Individual Module	4.80 Kgs
Weight of Secondary Box with Module	24.90 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	B	452
Width	635	Width	A	590
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: