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Version:1.0

Model Name	
GSS5-170A-U01	

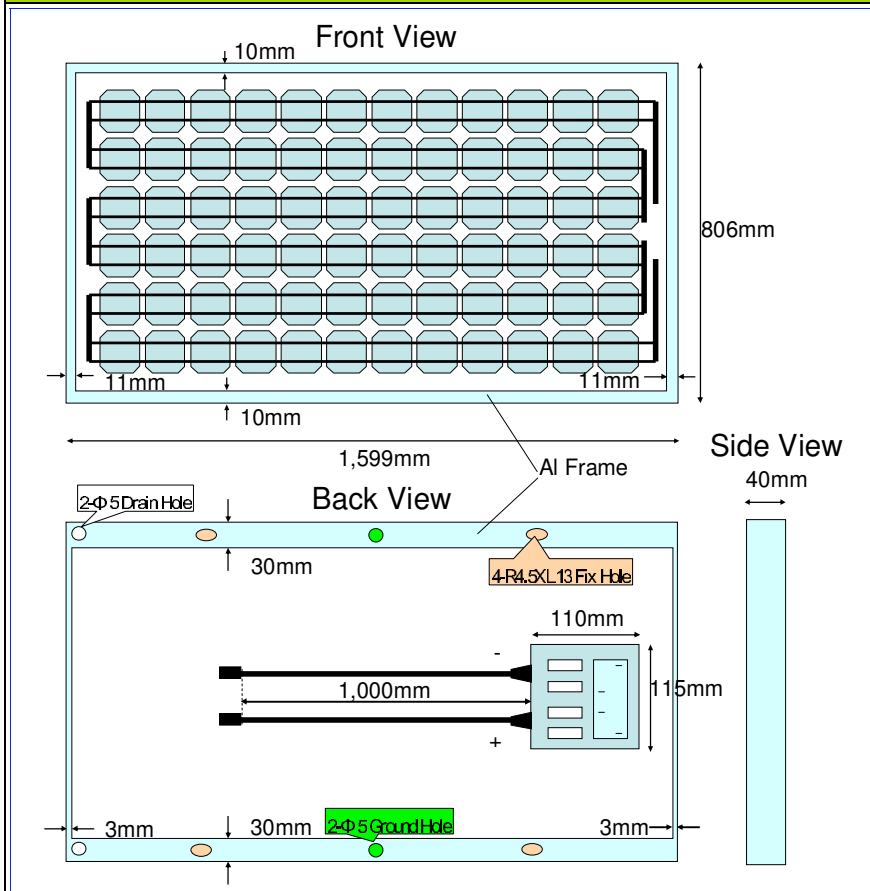
STANDARD TEST CONDITIONS (STC)		
AM condition	AM1.5	
Intensity of illumination	1000	W/m ²
Temperature	25	°C

ELECTRICAL CHARACTERISTICS		
Wp	170	W
Optimum Operating Voltage	35.5	V
Optimum Operating Current	4.72	A
Open Circuit Voltage	44.6	V
Short Circuit Current	5.30	A
NOCT (Nominal Operating Cell Temperature)	47	°C
Power Tolerance	±3	%
Module Efficiency	13.19	%
coefficient of voltage (β)	-0.313±0.015%/°C	
coefficient of current (α)	0.07±0.015%/°C	
coefficient of power (γ)	-0.41±0.05%/°C	

MECHANICAL CHARACTERISTICS			
Dimension	Length	1599	mm
	Width	806	mm
	Thickness	40	mm
Weight	15.8		kgs
Packing	15		Pcs/Carton
Dimension of carton	1640 x 710 x 825		mm
Gross Weight of carton+Pallet	277		Kg
Loading for 20 feet container	270	18Pallet,1Cartons/Pallet	
Loading for 40 feet container	630	42Pallet,1Cartons/Pallet	

ABSOLUTE MAXIMUM RATINGS		
Operating temperature	-40~+90	°C
Storage temperature	-40~+90	°C
Maximum system voltage	1000	VDC

Blueprint With Dimension



Dimension	Tolerance
0~30mm	±0.5mm
30mm~120mm	±0.8mm
120mm~315mm	±1.2mm
315mm~1000mm	±2.0mm
1000mm~2000mm	±3.0mm