

54 CELL MODULE

ELECTRICAL CHARACTERISTICS	
MODEL NO :	HSTFF12235M
MCS NO :	PV0085/132
RATED POWER (Wp)	235W
OPEN CIRCUIT VOLTAGE (Voc)	34.20 V
MAXIMUM POWER VOLTAGE(Vmp)	28.30 V
SHORT CIRCUIT CURRENT (Isc)	8.77 A
MAXIMUM POWER CURRENT (Imp)	8.30 A
MODULE EFFICIENCY (%)	15.6
OUTPUT TOLERANCE (%)	±3
CELLS PER MODULE	54
CELL LAYOUT	9x6
MAXIMUM SYSTEM VOLTAGE	1000 VDC

ELECTRICAL CONNECTION	
JUNCTION BOX	IP 67
OUTPUT TERMINAL	1000mm, 4mm ² CABLE ; HA3 CONNECTOR
PROTECTION	SCHOTTKY BY – PASS DIODES

MECHANICAL CHARACTERISTICS	
MODULE DIMENSIONS (mm)	1512 x 996 x 46
WEIGHT (KG.APPROX)	22

ABSOLUTE MAXIMUM RATING	
OPERATING TEMPERATURE	-40° C to + 85° C

GENERAL FEATURES	
FRAME	BLACK ANODIZED ALUMINIUM
BACK SHEET	BLACK - BLACK

TEMPERATURE CO-EFFICIENT			
α_{Isc}	β_{Voc}	γ_{Pmp}	
%/°C	%/°C	%/°C	
+0.05	-0.33	-0.45	
NOCT	46±1 °C		

WARRANTY	
5 YEARS PRODUCT WARRANTY	
0 - 10 YEARS FOR 90% OF RATED POWER	
10 - 25 YEARS FOR 80% OF RATED POWER	

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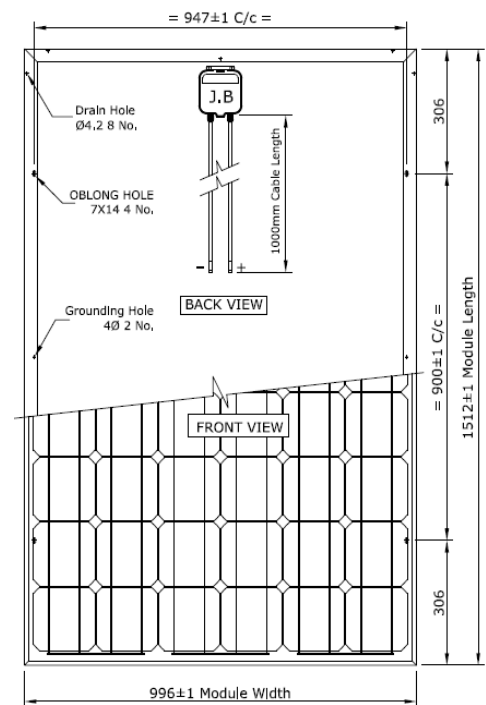
INTERNATIONAL OFFICES

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ALL BLACK

LEAD FREE

RFID TAG



Design and Specifications are subject to change without notice.