

72 CELL MODULE

ELECTRICAL CHARACTERISTICS

MODEL NO :	HSTFF24315M
MCS NO :	PV0085/111
RATED POWER (Wp)	315W
OPEN CIRCUIT VOLTAGE (Voc)	45.60 V
MAXIMUM POWER VOLTAGE (Vmp)	37.83 V
SHORT CIRCUIT CURRENT (Isc)	8.77 A
MAXIMUM POWER CURRENT (Imp)	8.33 A
MODULE EFFICIENCY (%)	16.0
OUTPUT TOLERANCE (%)	±3
CELLS PER MODULE	72
CELL LAYOUT	12x6
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)	1988 x 994 x 46
WEIGHT (KG.APPROX)	28

ABSOLUTE MAXIMUM RATING

OPERATING TEMPERATURE	-40° C to + 85° C
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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
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WARRANTY

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

INDIA

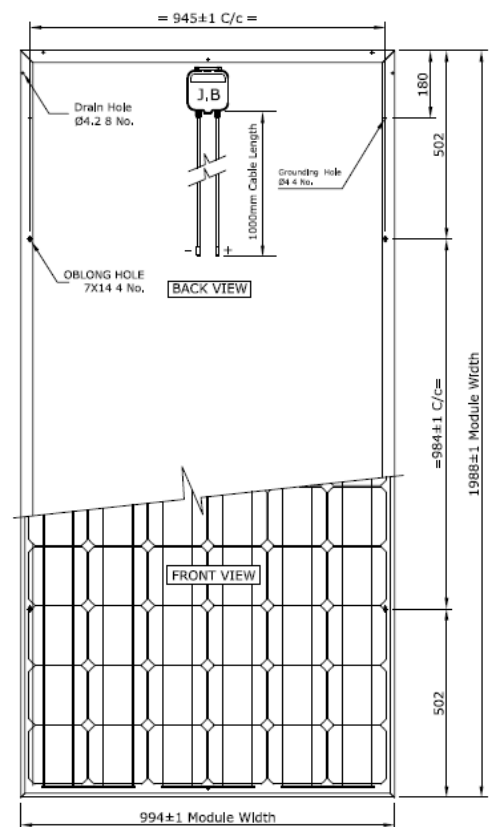
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Design and Specifications are subject to change without notice.