

60 CELL MODULE

ELECTRICAL CHARACTERISTICS

MODEL NO.	HSTFF24250M	HSTFF24255M	HSTFF24260M
RATED POWER (Wp)	250 Wp	255 Wp	260 Wp
MCS NO.	PV0085/120	PV0085/121	PV0085/122
OPEN CIRCUIT VOLTAGE (Voc)	37.80 V	37.90 V	38.00 V
MAXIMUM POWER VOLTAGE (Vmp)	31.00 V	31.20 V	31.40 V
SHORT CIRCUIT CURRENT (Isc)	8.62 A	8.64 A	8.77 A
MAXIMUM POWER CURRENT (Imp)	8.10 A	8.20 A	8.30 A
MODULE EFFICIENCY (%)	15.0	15.3	15.6
OUTPUT TOLERANCE (%)		±3	
CELLS PER MODULE		60	
CELL LAYOUT		10x6	
MAXIMUM SYSTEM VOLTAGE		1000 VDC	

ELECTRICAL CONNECTION

JUNCTION BOX	IP 67
OUTPUT TERMINAL	1000mm, 4mm ² CABLE; HA3 CONNECTOR
PROTECTION	SCHOTTKY BYPASS DIODES

MECHANICAL CHARACTERISTICS

MODULE DIMENSIONS (mm)	1668 x 997 x 46
WEIGHT (KG.APPROX)	24

ABSOLUTE MAXIMUM RATINGS

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

FRAME	ANODIZED ALUMINIUM
FRAME COLOUR	NATURAL MATT / GLOSSY STEEL FINISH (OPTIONAL)

TEMPERATURE CO-EFFICIENTS

α_{Isc}	β_{Voc}	γ_{Pmp}
%/°C	%/°C	%/°C
+0.05	-0.33	-0.45

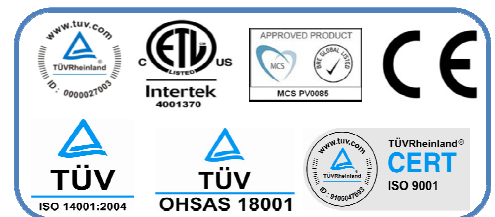
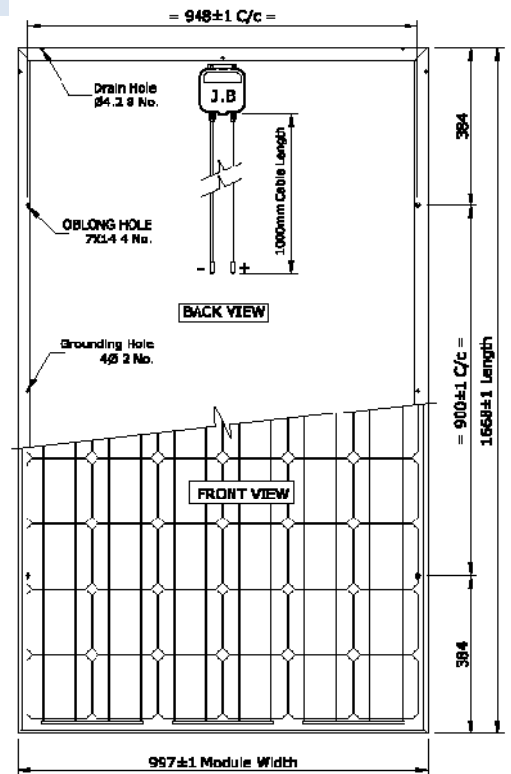
NOCT	46±1°C
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WARRANTY

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

INDIA

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Note:
 1. Design and Specifications are subject to change without notice.
 2. Electrical Parameters measured at STC (at 25°C, 1000W/M²)