

60 CELL MODULE

ELECTRICAL CHARACTERISTICS

MODEL NO.	HSTFF24250M	HSTFF24255M	HSTFF24260M
RATED POWER (Watt)	250	255	260
MCS No.(MCS PV0085/●●●)	120	121	122
OPEN CIRCUIT VOLTAGE-V _{oc} (Volt)	37.8	37.9	38.0
MAXIMUM POWER VOLTAGE-V _{mp} (Volt)	31.0	31.2	31.4
SHORT CIRCUIT CURRENT-I _{sc} (Amp)	8.62	8.64	8.77
MAXIMUM POWER CURRENT-I _{mp} (Amp)	8.10	8.20	8.30
MODULE EFFICIENCY (%)	15.35	15.66	16.00
OUTPUT TOLERANCE (%)	±3		
CELLS PER MODULE	60, 156 x 156 (mm)		
CELL LAYOUT	10 x 6		
MAXIMUM SYSTEM VOLTAGE (VDC)	1000		

ELECTRICAL CONNECTION

JUNCTION BOX	Tyco (IP 65) / Huber+Suhner (IP 67)
OUTPUT CABLES	4mm ² , 1000mm length
CONNECTORS	MC4 Compatible / Huber+Suhner
PROTECTION	SCHOTTKY BYPASS DIODES

MECHANICAL CHARACTERISTICS

MODULE DIMENSIONS (mm)	1650 x 987 x 42
WEIGHT (KG.APPROX)	17.5

ABSOLUTE MAXIMUM RATINGS

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

FRAME	BLACK ANODIZED ALUMINIUM
BACK SHEET	BLACK - BLACK
LOCKING	CORNER KEY TYPE

TEMPERATURE CO-EFFICIENTS

$\alpha_{Isc} (\%/^{\circ}C)$	$\beta_{Voc} (\%/^{\circ}C)$	$\gamma_{Pmp} (\%/^{\circ}C)$
+0.05	-0.33	-0.45
NOCT	46±1 °C	

WARRANTY

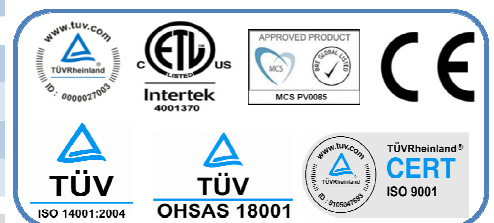
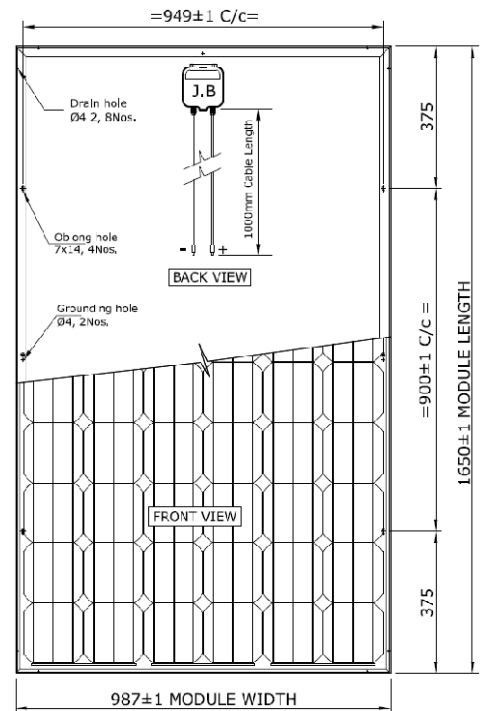
10 YEARS PRODUCT WARRANTY
0 - 10 YEARS FOR 90% OF RATED POWER
10 - 25 YEARS FOR 80% OF RATED POWER

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Note:

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