

60 CELL MODULE

ELECTRICAL CHARACTERISTICS

MODEL NO :	HSTFF24250M
MCS NO :	PV0085/120
RATED POWER (Wp)	250W
OPEN CIRCUIT VOLTAGE (Voc)	37.80 V
MAXIMUM POWER VOLTAGE (Vmp)	31.00 V
SHORT CIRCUIT CURRENT (Isc)	8.62 A
MAXIMUM POWER CURRENT (Imp)	8.10 A
MODULE EFFICIENCY (%)	15.0
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 BY – PASS DIODES

MECHANICAL CHARACTERISTICS

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

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

HHV SOLAR TECHNOLOGIES PVT. LTD
 No. 31,32,33,34 & 37, KIADB Industrial Area
 Dabaspet, Nelamangala Taluk
 Bangalore Rural 562 111, Karnataka, INDIA
 Ph: + 91 80 2263 3700 Fax: +91 80 2263 3811
 E-mail: info@hhvsolar.com ; www.hhvsolar.com

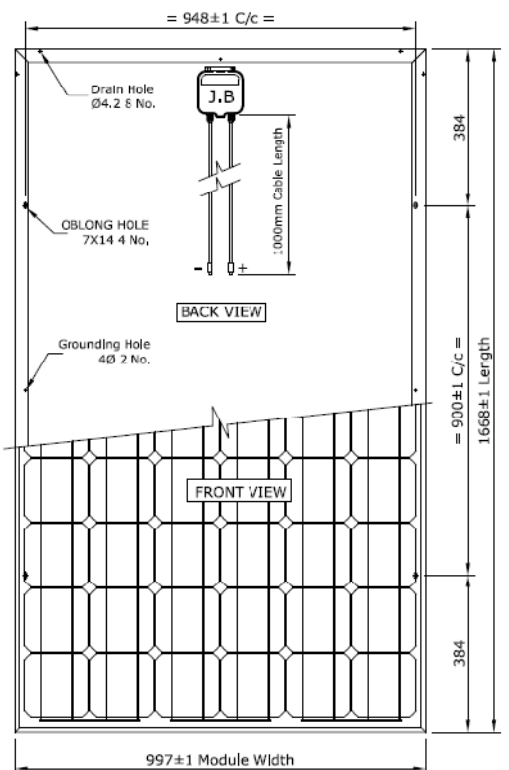
INTERNATIONAL OFFICES

NORTH AMERICA HHV SOLAR INC. 1914, Tynemoore court Smvrna, Georgia 30080	AUSTRALIA HHV SOLAR PTY. LTD 38, Concord Terrace Atwell, WA 6164	United Kingdom HHV LTD Unit 2 Stanley Business Centre Kelvin Way Crawley, West sussex
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ALL BLACK

LEAD FREE

RFID TAG



Design and Specifications are subject to change without notice.