



SOLAR
SYSTEMS LTD

ELECTRICAL CHARACTERISTICS

RATED POWER	295 Wp
OPEN CIRCUIT VOLTAGE (Voc)	44.66 V
MAXIMUM POWER VOLTAGE (Vmp)	36.85 V
SHORT CIRCUIT CURRENT (Isc)	8.49 A
MAXIMUM POWER CURRENT (Imp)	8.01 A
MODULE EFFICIENCY (%)	14.92
OUTPUT TOLERANCE (%)	±3
CELLS	72
CELL LAYOUT	12x6
MAXIMUM SYSTEM VOLTAGE	1000 VDC

ELECTRICAL CONNECTION

JUNCTION BOX	IP 65
OUTPUT TERMINAL	Cable with MC 3/ MC 4 type connectors
PROTECTION	SCHOTTKY BY – PASS DIODES

MECHANICAL CHARACTERISTICS

MODULE DIMENSIONS (mm)	1988x994x46
WEIGHT (KG, APPROX)	28

ABSOLUTE MAXIMUM RATINGS

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

FRAME	ANODISED ALUMINUM
FRAME COLOUR	NATURAL (OTHER COLOUR ON REQUEST)

TEMPERATURE CO-EFFICIENT

Isc %/C	Voc %/C	Pmp %/C
+0.1	-0.36	-0.5
NOCT	47±2°C	

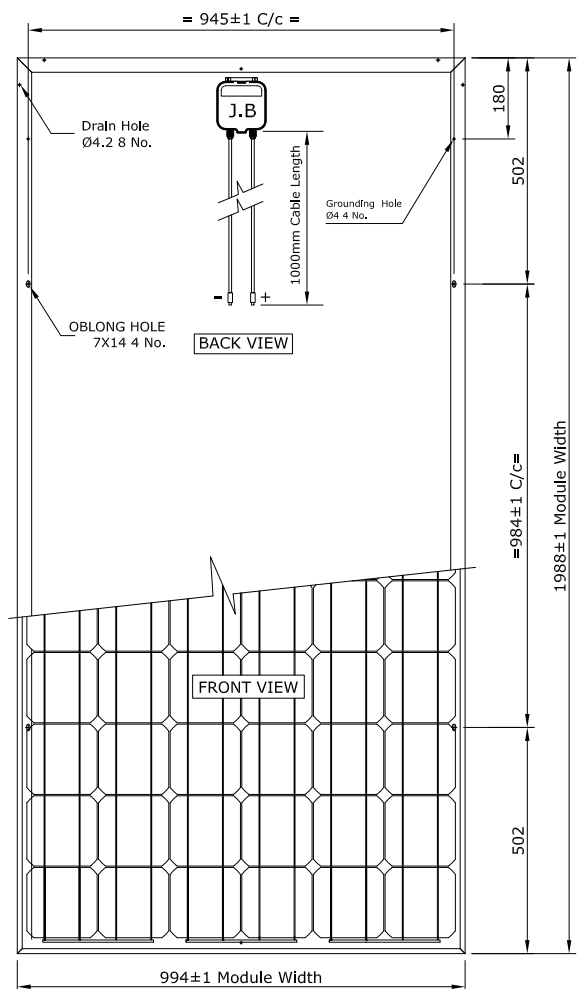
MANUFACTURER'S WARRANTY

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

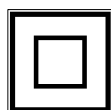
Design and Specifications are subject to change without notice.

295 WATT Mono Crystalline

HSTAF24295M.72 MCS PV0037/67



APPROVED PRODUCT



IEC/EN 61215 IEC/EN 61730

TUV certified for IEC 61215 & IEC 61730; CE Certified; ISO 9001:2008; UL 1703/cUL1703/CEC *
* Under certification

Manufactured by
HHV Solar Technologies Pvt. Ltd.
www.hhvsolar.com