

36 CELL BIPV GLASS TO GLASS MODULE

ELECTRICAL CHARACTERISTICS

RATED POWER (Watt)	135	140
OPEN CIRCUIT VOLTAGE- V_{oc} (Volt)	22.00	22.25
MAXIMUM POWER VOLTAGE- V_{mp} (Volt)	17.65	17.75
SHORT CIRCUIT CURRENT- I_{sc} (Amp)	8.10	8.30
MAXIMUM POWER CURRENT- I_{mp} (Amp)	7.65	7.90
TRANSPARENT AREA (%)	44	
OUTPUT TOLERANCE (%)	±5	
CELLS	36, 156 x 156 (mm), (2BB / 3BB)	
CELL LAYOUT	9 x 4	

ELECTRICAL CONNECTION

JUNCTION BOX	IP 65 / IP 67
OUTPUT CABLES	4mm ² , min.900mm length
CONNECTORS	MC4 Compatible
PROTECTION	SCHOTTKY BY PASS DIODES

GENERAL CONSTRUCTION

STRUCTURE	GLASS TO GLASS WITHOUT FRAME
FRONT GLASS	TEXTURED TOUGHNED SOLAR GLASS 3.2mm Thk.
BACK GLASS	PLAIN TOUGHNED GLASS 4mm Thk.
ENCAPSULANT	ETHYLENE VINYL ACETATE

MECHANICAL CHARACTERISTICS

MODULE DIMENSIONS (mm)	1642 x 980 x 8 (GLASS PORTION) 1642 x 980 x 33 (JB PORTION)
WEIGHT (KG, APPROX)	30

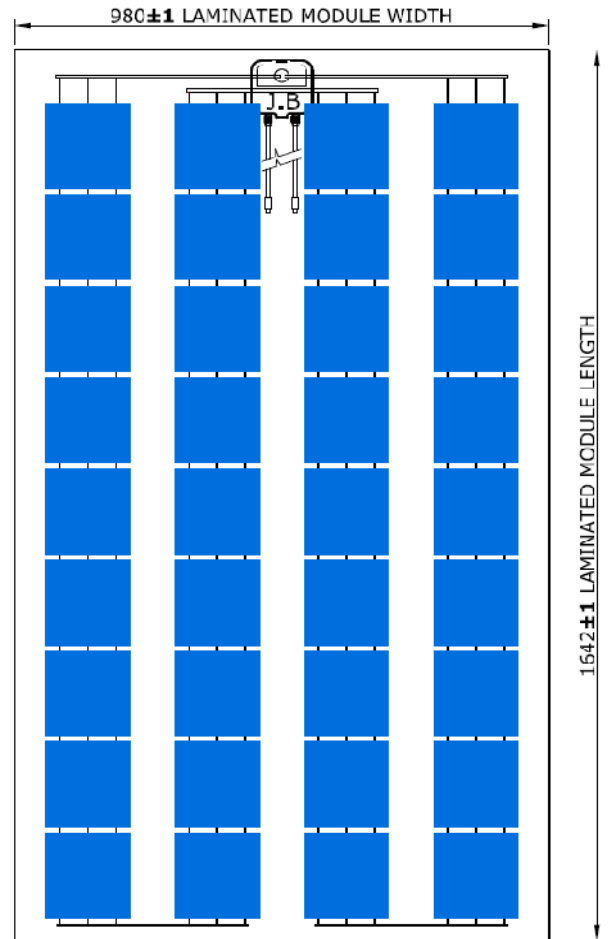
WARRANTY

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

HHV SOLAR TECHNOLOGIES LIMITED

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
info@hvsolar.com ; www.hvsolar.com



Note:

1. Design and Specifications are subject to change without notice.
2. Product is non-IEC.
3. Electrical Parameters valid for STC only (at 25°C, 1000 W/M²).
4. Please refer to installation manual and strictly adhere to instruction / guidelines to qualify for warranty terms.