

**36 CELL BIPV GLASS TO GLASS MODULE**

**ELECTRICAL CHARACTERISTICS**

RATED POWER (Watt)	<b>135</b>	<b>140</b>
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 (%)	53	
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 <sup>2</sup> , 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)	1960 x 980 x 8 (GLASS PORTION) 1960 x 980 x 33 (JB PORTION)
WEIGHT (KG, APPROX)	36

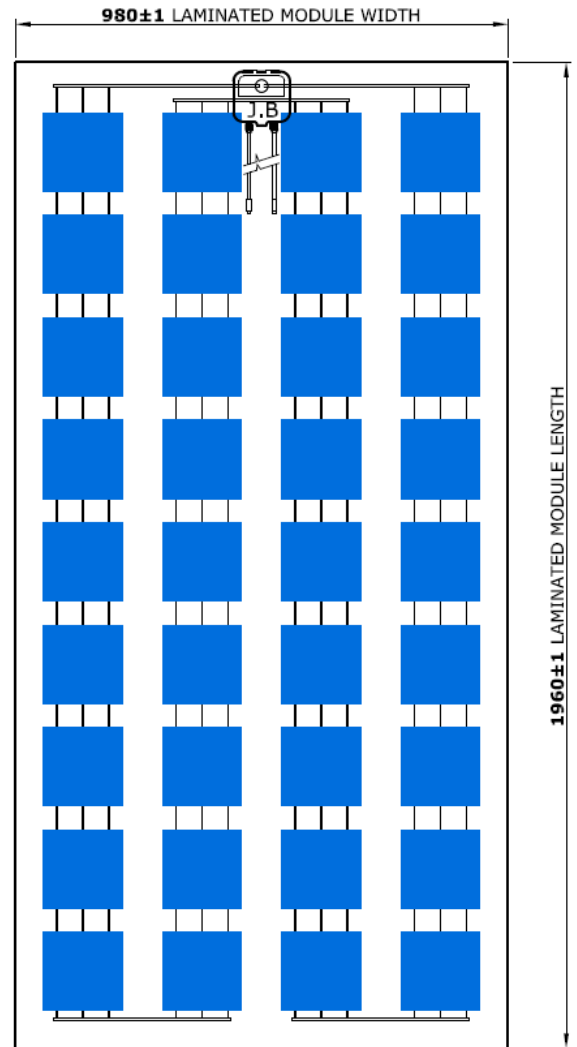
**WARRANTY**

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

**HHV SOLAR TECHNOLOGIES LIMITED**

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**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/M<sup>2</sup>).
4. Please refer to installation manual and strictly adhere to instruction / guidelines to qualify for warranty terms