

**60 CELL MODULE**

ELECTRICAL CHARACTERISTICS					
RATED POWER (Watt)	240	245	250	255	260
OPEN CIRCUIT VOLTAGE- $V_{oc}$ (Volt)	37.38	37.55	37.80	37.90	38.00
MAXIMUM POWER VOLTAGE- $V_{mp}$ (Volt)	30.60	30.65	31.0	31.20	31.40
SHORT CIRCUIT CURRENT- $I_{sc}$ (Amp)	8.45	8.55	8.62	8.64	8.77
MAXIMUM POWER CURRENT- $I_{mp}$ (Amp)	7.85	8.00	8.10	8.20	8.30
MODULE EFFICIENCY (%)	14.74	15.04	15.35	15.66	16.0
OUTPUT TOLERANCE (%)	±3				
CELLS	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 <sup>2</sup> , 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

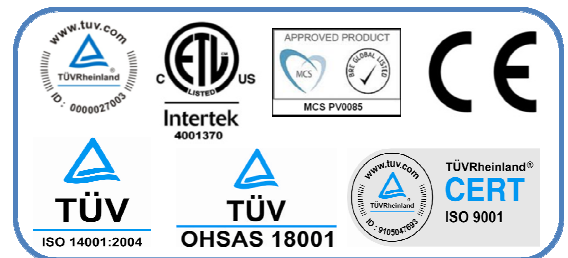
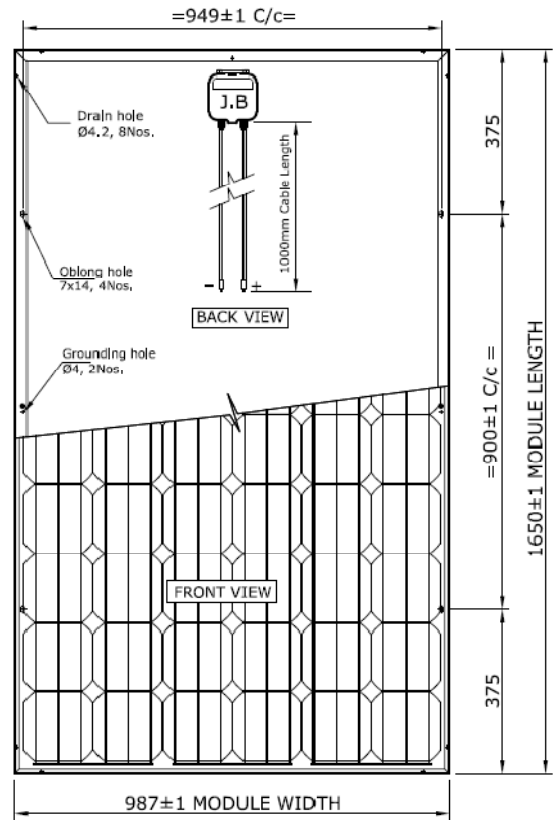
ABSOLUTE MAXIMUM RATINGS	
OPERATING TEMPERATURE	-40°C to +85°C

GENERAL	
FRAME	ANODISED ALUMINIUM
LOCKING	CORNER KEY TYPE

TEMPERATURE CO-EFFICIENTS		
$\alpha_{Isc}$ (%/°C)	$\beta_{Voc}$ (%/°C)	$\gamma_{Pmp}$ (%/°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	

**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  
[info@hhvsolar.com](mailto:info@hhvsolar.com) ; [www.hhvsolar.com](http://www.hhvsolar.com)



- Note:
1. Design and Specifications are subject to change without notice.
  2. Electrical Parameters measured at STC only (at 25°C, 1000W/M<sup>2</sup>)