

60 CELL MODULE

ELECTRICAL CHARACTERISTICS						
RATED POWER (Watt)	225	230	235	240	245	250
OPEN CIRCUIT VOLTAGE- V_{oc} (Volt)	35.75	36.00	36.35	36.60	36.85	37.10
MAXIMUM POWER VOLTAGE- V_{mp} (Volt)	29.40	29.60	29.80	30.00	30.25	30.50
SHORT CIRCUIT CURRENT- I_{sc} (Amp)	8.35	8.40	8.45	8.50	8.55	8.60
MAXIMUM POWER CURRENT- I_{mp} (Amp)	7.66	7.77	7.89	8.00	8.10	8.20
MODULE EFFICIENCY (%)	13.81	14.12	14.43	14.73	15.04	15.35

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 ² , 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

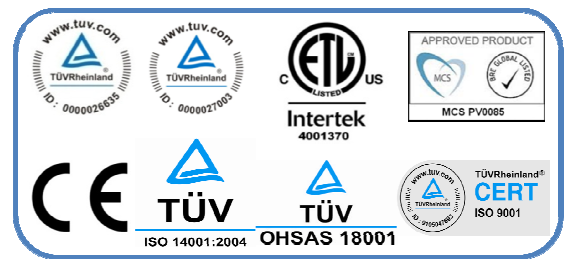
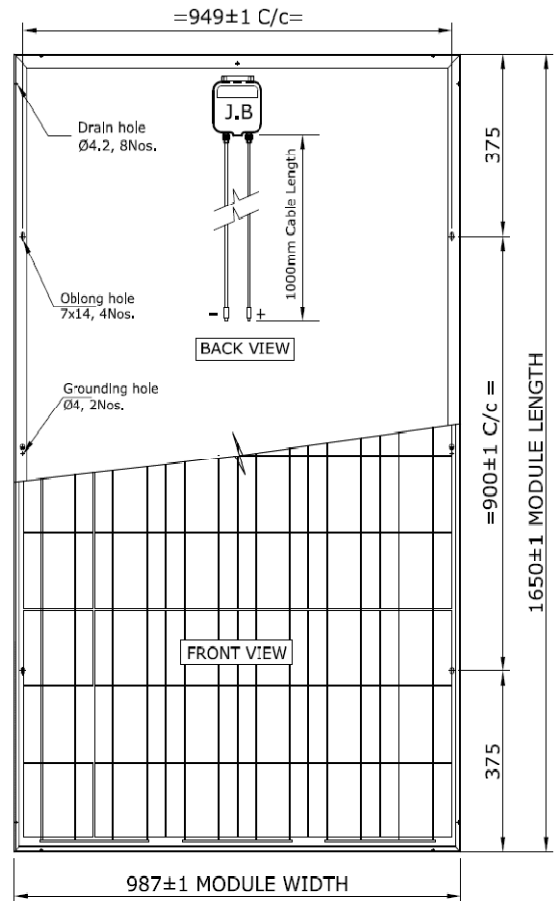
ABSOLUTE MAXIMUM RATINGS	
OPERATING TEMPERATURE	-40°C to +85°C

GENERAL	
FRAME	ANODISED ALUMINIUM
LOCKING	CORNER KEY TYPE

TEMPERATURE CO-EFFICIENTS		
α_{Isc} (%/°C)	β_{Voc} (%/°C)	γ_{Pmp} (%/°C)
+0.05	-0.34	-0.45
NOCT	45±2°C	

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

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- Note:**
- Design and Specifications are subject to change without notice.
 - Electrical Parameters measured at STC only (at 25°C, 1000W/M²)