

36 CELL MODULE

HST36FXXXP

| ELECTRICAL CHARACTERISTICS | | | |
|--|--------------------|------------|------------|
| RATED POWER (Watt) | 140 | 145 | 150 |
| OPEN CIRCUIT VOLTAGE- V_{oc} (Volt) | 22.25 | 22.50 | 22.75 |
| MAXIMUM POWER VOLTAGE- V_{mp} (Volt) | 17.75 | 18.00 | 18.25 |
| SHORT CIRCUIT CURRENT- I_{sc} (Amp) | 8.30 | 8.50 | 8.65 |
| MAXIMUM POWER CURRENT- I_{mp} (Amp) | 7.90 | 8.06 | 8.22 |
| MODULE EFFICIENCY (%) | 14.11 | 14.62 | 15.12 |
| OUTPUT TOLERANCE (%) | ±5 | | |
| CELLS | 36, 156 x 156 (mm) | | |
| CELL LAYOUT | 9 x 4 | | |
| MAXIMUM SYSTEM VOLTAGE(VDC) | 1000 | | |

| ELECTRICAL CONNECTION | |
|-----------------------|-------------------------------------|
| JUNCTION BOX | IP 65 / IP 67 |
| OUTPUT CABLES | 4mm ² , min.900mm length |
| OUTPUT TERMINAL | MC4 Compatible Connectors |
| PROTECTION | SCHOTTKY BYPASS DIODES |

| MECHANICAL CHARACTERISTICS | |
|----------------------------|-----------------|
| MODULE DIMENSIONS (mm) | 1487 x 667 x 40 |
| WEIGHT (KG, APPROX) | 12 |

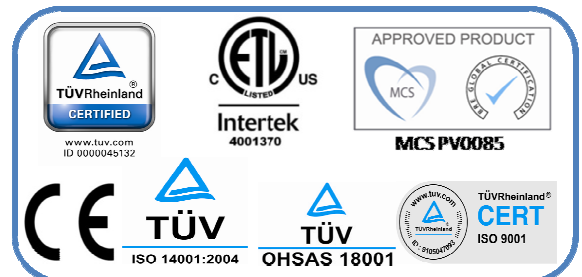
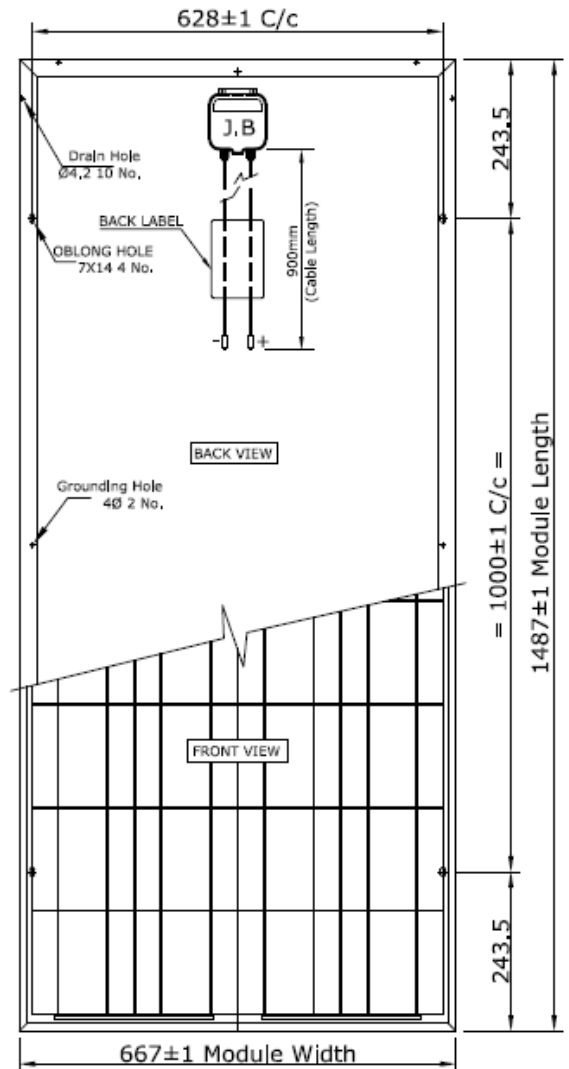
| ABSOLUTE MAXIMUM RATINGS | |
|--------------------------|----------------|
| OPERATING TEMPERATURE | -40°C to +85°C |

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

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