

72 CELL MODULE

MONO-CRYSTALLINE

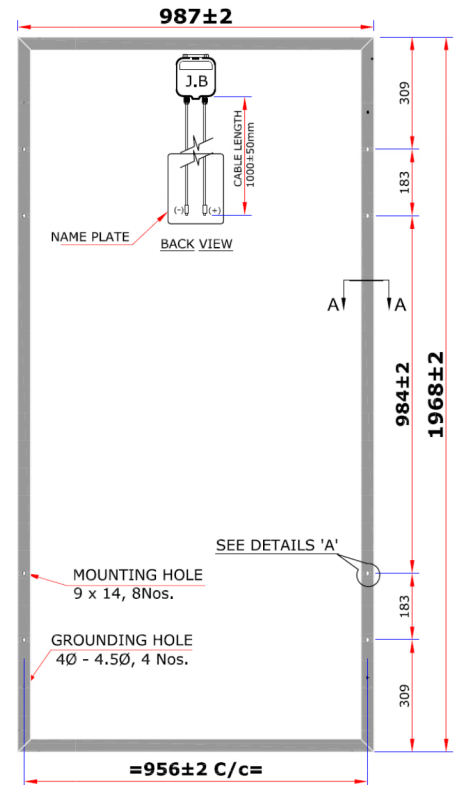
HST72FXXXM

ELECTRICAL CHARACTERISTICS

| Rated power | Pm | W | 355 | 360 | 365 | 370 |
|-----------------------|-----|---|-------------|-------------|-------------|-------------|
| Open circuit voltage | Voc | V | 47.50 | 47.70 | 47.90 | 48.20 |
| Maximum power voltage | Vmp | V | 38.93 | 39.12 | 39.26 | 39.32 |
| Short circuit current | Isc | A | 9.62 | 9.70 | 9.79 | 9.95 |
| Maximum power current | Imp | A | 9.12 | 9.21 | 9.30 | 9.41 |
| Module efficiency | η | % | 18.27-18.52 | 18.53-18.78 | 18.79-19.04 | 19.05-19.30 |
| Power tolerance | W | | | -0 / +4.99 | | |

CONSTRUCTION

| | |
|---------------|---|
| Cell / Matrix | 72; Mono Crystalline; 12 x 6 |
| Dimension | 1968 x 987 x 40 mm |
| Weight | 21 kg |
| Glass | ARC; Low Iron; Tempered; High Light Transmission; 3.2mm |
| Junction Box | IP68; Potted |
| Cable | 4mm ² (12 AWG) ; 1000±50mm length |
| Connector | TL - CABLE01S; MC4 Compatible |
| Diode | Schottky Bypass Diodes; 3 Nos |
| Frame | 18μ Anodized aluminum alloy; twin wall profile |
| Locking | Corner key type |

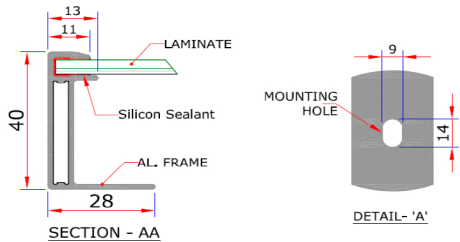


MAXIMUM RATINGS

| | |
|-------------------|--------------------------------------|
| System Voltage | 1500 VDC (IEC, UL) 1000 VDC (BIS) |
| Fuse Rating | 15 A |
| Application Class | Class A Protection Class II |
| Fire Class | "C" (IEC); Type 1 (UL) |
| Load | 2400 Pa (Wind) & 5400 Pa (Snow) |

TEMPERATURE RATINGS

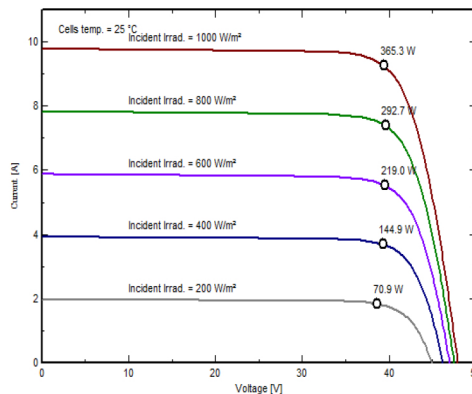
| | |
|-----------------|----------------|
| NOCT | 44°C (±2°C) |
| Tc of Voc | -0.29 %/°C |
| Tc of Isc | +0.05 %/°C |
| Tc of Pm | -0.38 %/°C |
| Operating range | -40°C to +85°C |



SALIENT FEATURES

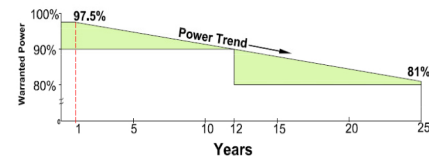
- BIS Certified (IS 14286 & IS/IEC 61730-1 & 2)
- High Efficiency Mono crystalline PERC Cells
- Salt Mist Resistance; Certified for Severity 6
- Ammonia Resistance (IEC 62716)
- PID resistant (3 times of IEC Criteria)
- Micro-crack free
- Multi stage 100% in-line EL passed
- Higher energy yield on field performance
- More than 25 in-house quality checks
- Positive tolerance up to +5W
- Best in class material for true 25 years life
- IEC-61215 & 61730 (2016), UL-61215 & 61730 (2017)
- IEC 60701, IEC 62804, IEC 62716 Certified

I-V Curve of 365W at 25°C cell temp. and different Irradiance level



WARRANTY

| | |
|-------------|--|
| Product | 10 Years |
| Performance | 90% of rated power for 12 Yr 81% of rated power for 25 Yr |



Notes :

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

