

# 330~355P

STP6-330-355/72

## Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.



## PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production. (Potential Induced Degradation) under the test conditions.



## High Efficiency

High module efficiency to guarantee power output.



## Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



## Severe Weather Resilience

Certified to withstand: Wind load (2400 pascal) and snow load (5400 pascal).



12-year Warranty for  
Materials and Processing



25-year Warranty for  
Extra Linear Power Output



STP6-330-355/72

# 330-355W

Half-Cell High Efficiency PV Module

**Weight**

**21.0kgs±3%**

**Cells Type**

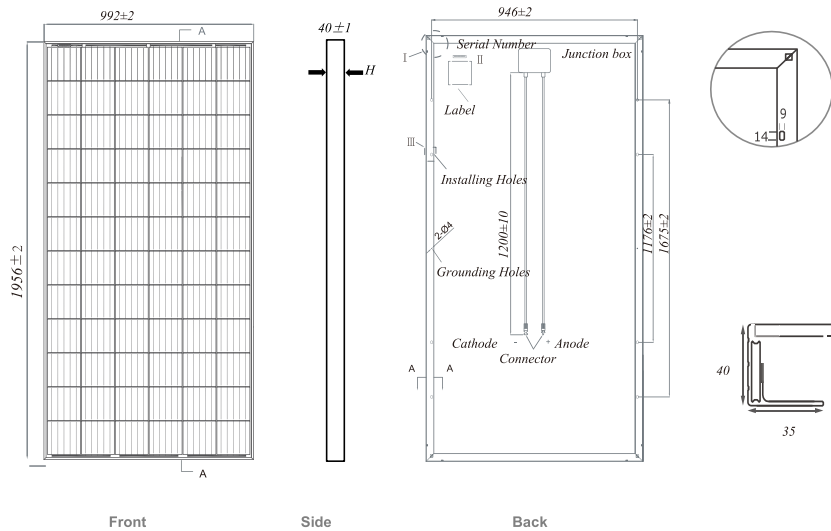
**Poly-crystalline 156.75×156.75mm**

**Dimension (L×W×T)**

**1956±2mm x992±2mm x 40±1mm**

**Packaging**

**27pcs/pallet, 708pcs/40HQ container**  
**27pcs/pallet, 270pcs/20GP container**



Remark: customized frame color and cable length available upon request

**MECHANICAL SPECIFICATION**

|                       |  |
|-----------------------|--|
| No.of cells           | 72 (6x12)  |
| Front Glass           | 3.2mm, High Transmission, Low Iron, ARC Tempered Glass |
| Frame                 | Anodized Aluminium Alloy                               |
| Output Cables         | 4.0mm, Length: 1200mm                                  |
| Junction Box          | IP67 Rated   |
| Connector             | MC4 Compatible   |
| Hailstone Impact Test | 80Km/h for 25mm ice ball                               |

**OPERATING PARAMETERS**

|   |                   |
|---|-------------------|
| Operating Temperature                     | -40°C ~ +85°C     |
| Maximum System Voltage                    | 1500VDC (IEC)     |
| Maximum System Voltage                    | 1500VDC (BIS)     |
| Maximum Series Fuse                       | 15A               |
| Maximum StaticLoad,Front                  | 5400Pa(112lb/ft²) |
| Maximum StaticLoad,Back                   | 2400Pa(50lb/ft²)  |
| Nominal Operating Cell Temperature (NOCT) | 45 ± 2 °C         |

**ELECTRICAL CHARACTERISTICS**

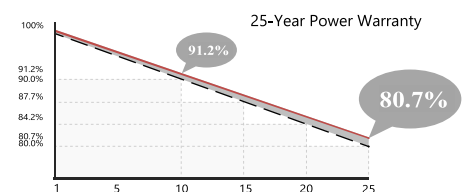
STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800 W/m² 20°C 1m/s Test uncertainty for Pmax ± 3%

| Module Type                      | STP6-330/72 |       | STP6-335/72 |       | STP6-340/72 |       | STP6-345/72 |       | STP6-350/72 |       | STP6-355/72 |       |
|----------------------------------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|                                  | STC         | NOCT  | STC         | NOCT  | STC         | NOCT  | STC         | NOCT  | STC         | NOCT  | STC         | NOCT  |
| Maximum Power (Pmax/W)           | 330         | 247.1 | 335         | 250.8 | 340         | 254.5 | 345         | 258.3 | 350         | 262.0 | 355         | 265.8 |
| Open Circuit Voltage (Voc/V)     | 46.20       | 43.27 | 46.23       | 43.30 | 46.62       | 43.66 | 46.86       | 43.89 | 47.43       | 44.42 | 47.62       | 44.60 |
| Short Circuit Current (Isc/A)    | 9.35        | 7.55  | 9.37        | 7.57  | 9.41        | 7.60  | 9.50        | 7.68  | 9.58        | 7.74  | 9.62        | 7.77  |
| Voltage at Maximum Power (Vmp/V) | 38.02       | 34.50 | 38.29       | 34.95 | 38.55       | 35.32 | 38.76       | 35.50 | 38.97       | 35.71 | 39.22       | 36.07 |
| Current at Maximum Power (Imp/A) | 8.68        | 7.16  | 8.75        | 7.18  | 8.82        | 7.21  | 8.90        | 7.28  | 8.98        | 7.34  | 9.05        | 7.37  |
| Module Efficiency(%)             | 17.01%      |       | 17.26%      |       | 17.52%      |       | 17.78%      |       | 18.04%      |       | 18.30%      |       |

**TEMPERATURE RATINGS**

|   |            |
|---|------------|
| Norminal Operating Cell Temperature(NOCT) | 45±2 °C    |
| Temperature Coefficient of Isc            | +0.05%/ °C |
| Temperature Coefficient of Voc            | -0.27%/ °C |
| Temperature Coefficient of Pmax           | -0.35%/ °C |

**ADDITIONAL VALUE**



**I-V CURVE(STP6-330-355/72)**

