

MONO SOLAR MODULE 555-575W

PRODUCT SPECIFICATION

| Mechanical Characteristics | | | | | | | |
|----------------------------|-----------------------------------------------------------------------------|--|--|--|--|--|--|
| Cell Type | P type Mono-crystalline | | | | | | |
| No.of cells | 156 (2*78) | | | | | | |
| Dimensions | 2385*1122*35mm (93.90*44.17*1.38 inch) | | | | | | |
| Weight | 30.3 kg (66.8 lbs) | | | | | | |
| Front Glass | 3.2mm,Anti-Reflection Coating, High Transmission,Low Iron,Tempered Glass | | | | | | |
| Frame | Anodized Aluminium Alloy | | | | | | |
| Junction Box | IP67 Rated | | | | | | |
| Output Cables | TUV 1*4.0mm2 (+):290mm, (-):145 mm or Customized Length | | | | | | |

PRODUCT FEATURE

• TR technology + Half Cell

TR technology with Half cell aims to eliminate the cell gap to increase module efficiency (mono-facial up to

MBB instead of 5BB

MBB technology decreases the distance between bus bars and finger grid line which is benefit to power

• Higher lifetime Power Yield

2% first year degradation, 0. 55% linear degradation.

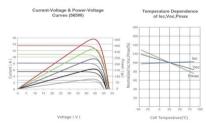
• Best Warranty

12 year product waranty,25 year linear power waranty.

• Strengthened Mechanical Support

5400 Pa snow load, 2400 Pa wind load.

Electrical Performance & Temperature Dependence



| Quality Assurance | | | | | | | | | | | | |
|-----------------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| Module Type | MY555M | | MY560M | | MY565M | | MY570M | | MY575M | | | |
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | | |
| Maximum Power (Pmax) | 555Wp | 413Wp | 560Wp | 417Wp | 565Wp | 420Wp | 570Wp | 424Wp | 575Wp | 428Wp | | |
| Maximum Power Voltage(Vmp) | 44.19V | 40.55V | 44.31V | 40.63V | 44.43V | 40.72V | 44.55V | 40.80V | 44.67V | 40.89V | | |
| Maximum Power (Imp) | 12.56A | 10.18A | 12.64A | 10.25A | 12.72A | 10.32A | 12.80A | 10.39A | 12.88A | 10.46A | | |
| Open-circuit Voltage (Voc) | 52.80V | 49.84V | 52.90V | 49.93V | 53.00V | 50.03V | 53.10V | 50.12V | 53.20V | 50.21V | | |
| Short-circuit Current (Isc) | 13.42A | 10.84A | 13.50A | 10.90A | 13.58A | 10.97A | 13.66A | 11.03A | 13.74A | 11.10A | | |
| Module Efficiency STC(%) | 20.74% | | 20.93% | | 21.11% | | 21.30% | | 21.49% | | | |
| Operating Temperature(°C) | -40°C~+85°C | | | | | | | | | | | |
| Maximum system voltage | 1500VDC(IEC) | | | | | | | | | | | |
| Maximum series fuse rating | 25A | | | | | | | | | | | |
| Power Tolerance | 0~+3% | | | | | | | | | | | |
| Temperature coefficients of Pmax | -0.35%/°C | | | | | | | | | | | |
| Temperature coefficients of Voc | -0.28%/°C | | | | | | | | | | | |
| Temperature coefficients of Isc | 0.048%/°C | | | | | | | | | | | |
| Nominal operating cell temperatur(NOCT) | 45±2°C | | | | | | | | | | | |