



Monocrystalline Solar Module

PMS355M-72

72 CELL

Mono Crystalline Module

18.48%

Maximum Efficiency

355W

Power Output Range

0/+3W

Positive Power Tolerance



Function Features



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency

High module conversion efficiency (up to 18.48%), through innovative manufacturing technology.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Low-light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Maximized Energy Harvest

Impedance matching technology eliminates mismatch losses, more power from each module bin.



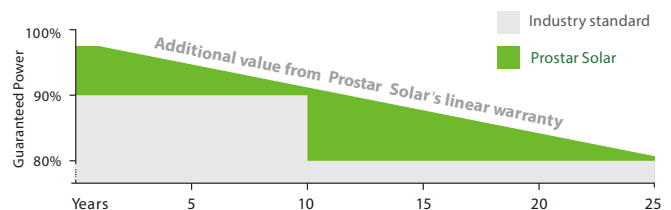
Higher quality assurance

100% EL test before and after lamination, and finished products EL test, providing higher quality assurance.

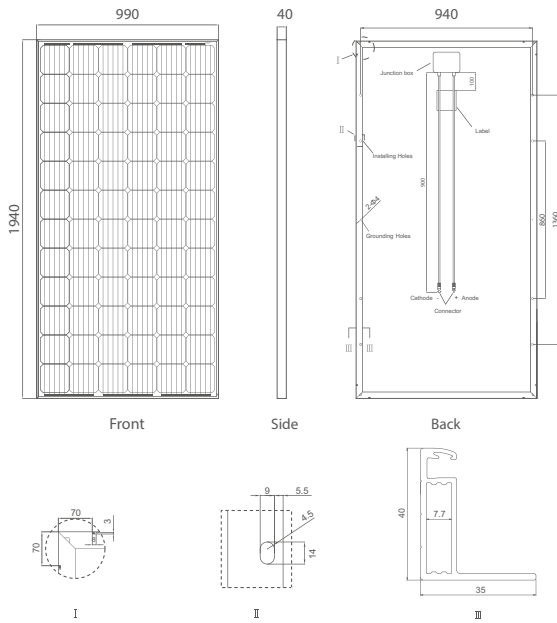
LINEAR PERFORMANCE WARRANTY

10-Year Product Warranty

25-Year Linear Power Warranty



Engineering Drawings

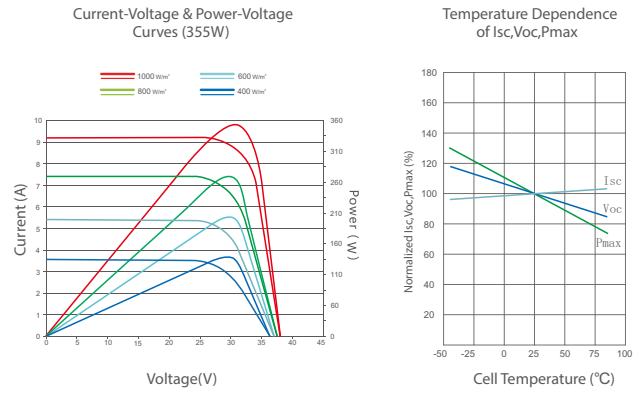


Packaging Configuration

(Two boxes=One pallet)

26pcs/box, 52pcs/pallet, 624pcs/40'GP Container

Current-Voltage Curves



Mechanical Characteristics

| | |
|---------------|--|
| Cell Type | Monocrystalline 156×156mm/5BB |
| Cell Number | 72 (6×12) |
| Dimensions | 1940×990×40mm |
| Weight | 21.0 kg |
| Front Glass | 3.2mm, High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP67 Rated |
| Output Cables | 1x4.0mm ² , Length:900mm |

Technical Specifications

| Module Type | PMS355M-72 | |
|---|---------------|-------|
| | STC | NOCT |
| Maximum Power (Pmax) | 355Wp | 268Wp |
| Maximum Power Voltage (Vmp) | 39.1V | 37.1V |
| Maximum Power Current (Imp) | 9.08A | 7.23A |
| Open-circuit Voltage (Voc) | 48.9V | 46.4V |
| Short-circuit Current (Isc) | 9.80A | 7.87A |
| Module Efficiency STC (%) | 18.48% | |
| Operating Temperature(°C) | -40°C~+85°C | |
| Maximum system voltage | 1000VDC (IEC) | |
| Maximum series fuse rating | 15A | |
| Power tolerance | 0~+3% | |
| Temperature coefficients of Pmax | -0.39%/°C | |
| Temperature coefficients of Voc | -0.29%/°C | |
| Temperature coefficients of Isc | 0.05%/°C | |
| Nominal operating cell temperature (NOCT) | 45±2°C | |

STC: ☀ Irradiance 1000W/m²

🌡 Cell Temperature 25°C

🌿 AM=1.5

NOCT: ☀ Irradiance 800W/m²

🌡 Ambient Temperature 20°C

🌿 AM=1.5

🌀 Wind Speed 1m/s

* Power measurement tolerance: ± 3%