

JKM275P-60

255-275 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.
IEC61215, IEC61730 certified products.

(4BB)



KEY FEATURES



4 Busbar Solar Cell:

4 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 16.80%), through innovative manufacturing technology.



Low-light Performance:

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



Severe Weather Resilience:

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

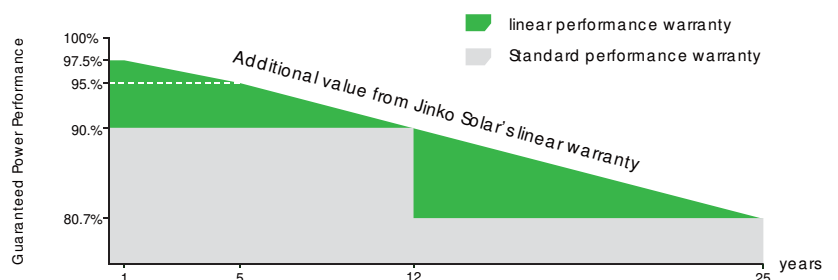


Durability against extreme environmental conditions:

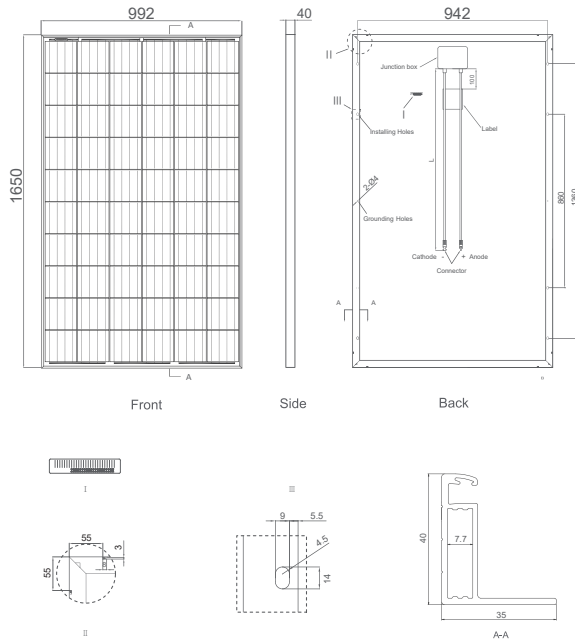
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

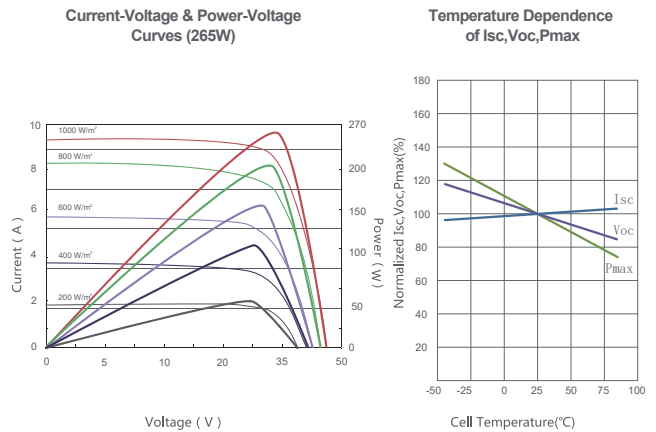


Packaging Configuration

(Two pallet=One stack)

25pcs/pallet, 50pcs/stack, 700 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

| | |
|---------------|--|
| Cell Type | Poly-crystalline 156×156mm (6 inch) |
| No. of cells | 60 (6×10) |
| Dimensions | 1650×992×40mm (65.00×39.05×1.57 inch) |
| Weight | 19.0 kg (41.9 lbs) |
| Front Glass | 3.2mm, High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP67 Rated |
| Output Cables | TÜV 1×4.0mm², Length: 900mm or Customized Length |

SPECIFICATIONS

| Module Type | JKM255P | | JKM260P | | JKM265P | | JKM270P | | JKM275P | |
|---|---------------|--------|---------|-------|---------|-------|---------|-------|---------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 255Wp | 189 Wp | 260Wp | 193Wp | 265Wp | 197Wp | 270Wp | 200Wp | 275Wp | 204Wp |
| Maximum Power Voltage (Vmp) | 30.8V | 28.5V | 31.1V | 28.7V | 31.4V | 29.0V | 31.7V | 29.4V | 32.0V | 29.8V |
| Maximum Power Current (Imp) | 8.28A | 6.63A | 8.37A | 6.71A | 8.44A | 6.78A | 8.52A | 6.80A | 8.61A | 6.85A |
| Open-circuit Voltage (Voc) | 38.0V | 35.2V | 38.1V | 35.2V | 38.6V | 35.3V | 38.8V | 35.4V | 39.1V | 35.4V |
| Short-circuit Current (Isc) | 8.92A | 7.26A | 8.98A | 7.31A | 9.03A | 7.36A | 9.09A | 7.38A | 9.15A | 7.44A |
| Module Efficiency STC (%) | 15.58% | | 15.88% | | 16.19% | | 16.50% | | 16.80% | |
| 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 | -0.41%/°C | | | | | | | | | |
| Temperature coefficients of Voc | -0.31%/°C | | | | | | | | | |
| Temperature coefficients of Isc | 0.06%/°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%