

# JKM265P-60

## 245-265 Watt

### POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

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



## KEY FEATURES



### High Efficiency:

High module conversion efficiency (up to 16.19%), 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).

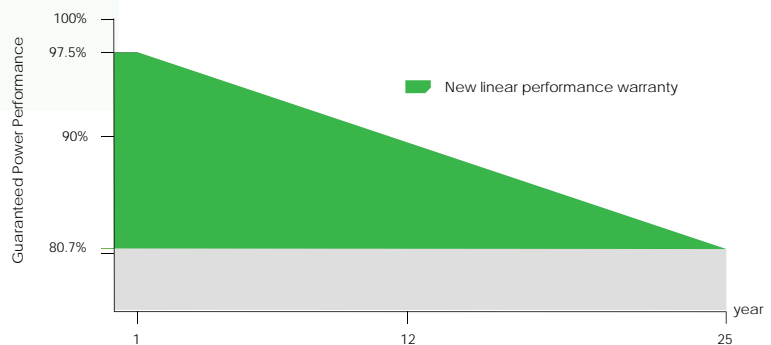


### Durability against extreme environmental conditions:

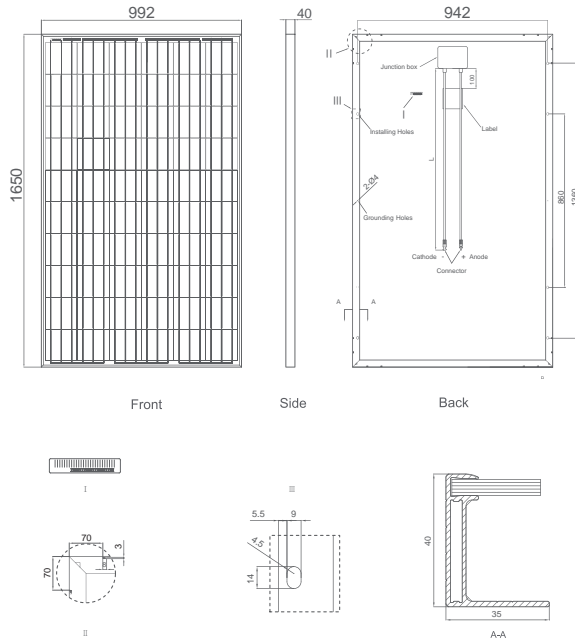
High salt mist and ammonia resistance certified by TUV NORD.

## LINEAR PERFORMANCE WARRANTY

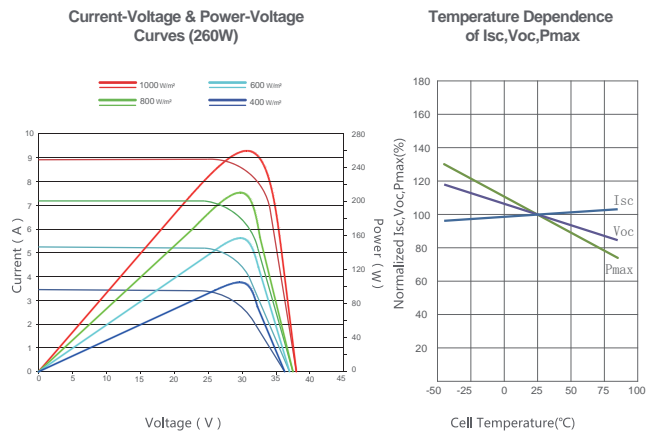
10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings



## 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 1×4.0mm <sup>2</sup> , Length:900mm            |

## Packaging Configuration

( Two boxes=One pallet )

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

## SPECIFICATIONS

| Module Type                               | JKM245P       |       | JKM250P |       | JKM255P |        | JKM260P |       | JKM265P |       |
|---|---------------|-------|---------|-------|---------|--------|---------|-------|---------|-------|
|   | STC           | NOCT  | STC     | NOCT  | STC     | NOCT   | STC     | NOCT  | STC     | NOCT  |
| Maximum Power (Pmax)                      | 245Wp         | 181Wp | 250Wp   | 184Wp | 255Wp   | 189 Wp | 260Wp   | 193Wp | 265Wp   | 197Wp |
| Maximum Power Voltage (Vmp)               | 30.1V         | 27.8V | 30.5V   | 28.0V | 30.8V   | 28.5V  | 31.1V   | 28.7V | 31.4V   | 29.0V |
| Maximum Power Current (Imp)               | 8.14A         | 6.50A | 8.20A   | 6.56A | 8.28A   | 6.63A  | 8.37A   | 6.71A | 8.44A   | 6.78A |
| Open-circuit Voltage (Voc)                | 37.5V         | 34.8V | 37.7V   | 34.9V | 38.0V   | 35.2V  | 38.1V   | 35.2V | 38.6V   | 35.3V |
| Short-circuit Current (Isc)               | 8.76A         | 7.16A | 8.85A   | 7.21A | 8.92A   | 7.26A  | 8.98A   | 7.31A | 9.03A   | 7.36A |
| Module Efficiency STC (%)                 | 14.97%        |       | 15.27%  |       | 15.58%  |        | 15.89%  |       | 16.19%  |       |
| 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/m<sup>2</sup> Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%