

# Eagle 60 *260-280 Watt*

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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





# **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 Power Output:**

Polycrystalline 60-cell module achieves a power output up to 280Wp.



#### PID RESISTANT

Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition (85  $\rm C/85\%RH,96hours)$  for mass production.



#### Low-light Performance:

Advanced glass and 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.



#### Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.

# LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

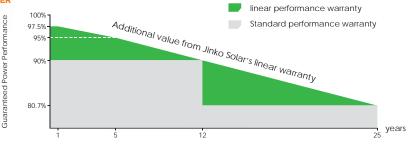






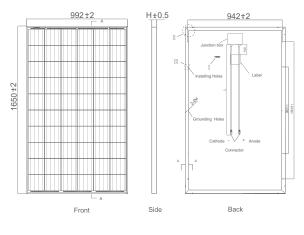


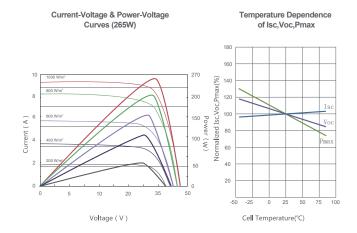




# **Engineering Drawings**

# **Electrical Performance & Temperature Dependence**





# **Packaging Configuration**

( Two boxes=One pallet )

26pcs/box, 52pcs/pallet, 728 pcs/40'HQ Container

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, Anti-Reflection Coating, 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								

<b>SPECIFICATIONS</b>											
Module Type	JKM260PP-60		JKM265PP-60		JKM270PP-60		JKM275PP-60		JKM280PP-60		
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power (Pmax)	260Wp	194Wp	265Wp	198Wp	270Wp	202Wp	275Wp	205Wp	280Wp	209Wp	
Maximum Power Voltage (Vmp)	31.1V	28.3V	31.4V	28.7V	31.7V	29.0V	32.0V	29.3V	32.3V	29.6V	
Maximum Power Current (Imp)	8.37A	6.84A	8.44A	6.91A	8.52A	6.97A	8.61A	7.00A	8.69A	7.06A	
Open-circuit Voltage (Voc)	38.1V	35.1V	38.6V	35.3V	38.8V	35.6V	39.1V	35.9V	39.4V	36.1V	
Short-circuit Current (Isc)	8.98A	7.26A	9.03A	7.31A	9.09A	7.35A	9.15A	7.37A	9.20A	7.42A	
Module Efficiency STC (%)	15.89%		16.19%		16.50%		16.80%		17.	17.11%	
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	-0.40%/℃										
Temperature coefficients of Voc	-0.30%/°C										
Temperature coefficients of Isc	0.06%℃										
Nominal operating cell temperature		45±2°C									















<sup>\*</sup> Power measurement tolerance: ± 3%