

Eagle 60P

270-290 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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

(Made in China)



(5BB)



KEY 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 Power Output:

Polycrystalline 60-cell module achieves a power output up to 290Wp.



PID RESISTANT:

Eagle modules pass PID test, limited power degradation by PID test is guaranteed 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.

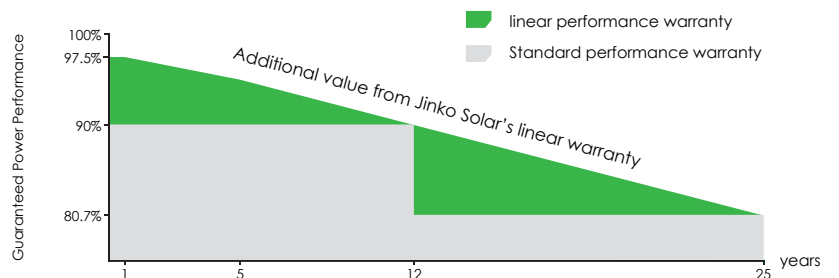


Temperature Coefficient:

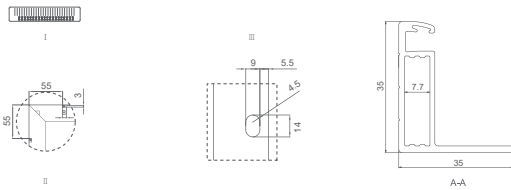
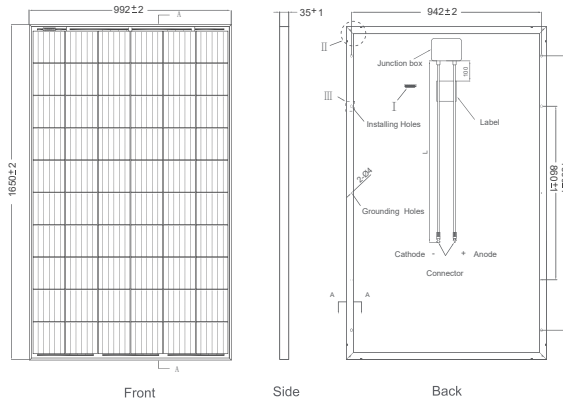
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



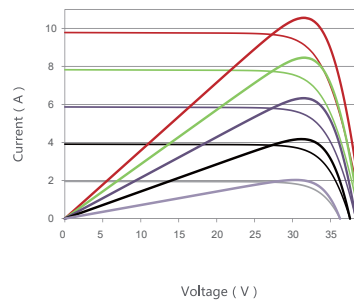
Packaging Configuration

(Two pallets=One stack)

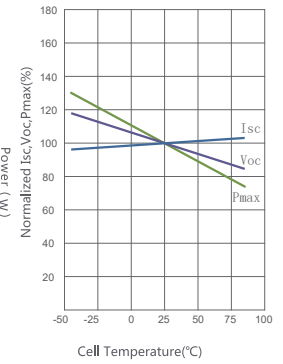
26pcs/pallet, 52pcs/stack, 840pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (285W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	60 (6×10)
Dimensions	1650×992×35mm (65.00×39.05×1.38 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 1×4.0mm ² , Length: 900mm or Customized Length
Connector	JK03M; Jinko PV Material

SPECIFICATIONS

Module Type	JKM270PP-60		JKM275PP-60		JKM280PP-60		JKM285PP-60		JKM290PP-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	270Wp	202Wp	275Wp	205Wp	280Wp	209Wp	285Wp	213Wp	290Wp	217Wp
Maximum Power Voltage (Vmp)	31.7V	29.0V	32.0V	29.3V	32.3V	29.6V	32.5V	29.9V	32.8V	30.2V
Maximum Power Current (Imp)	8.52A	6.97A	8.61A	7.00A	8.69A	7.06A	8.77A	7.12A	8.85A	7.19A
Open-circuit Voltage (Voc)	38.4V	35.6V	38.7V	35.9V	39.0V	36.1V	39.3V	36.4V	39.6V	36.7V
Short-circuit Current (Isc)	9.27A	7.35A	9.38A	7.37A	9.50A	7.42A	9.78A	7.47A	9.85A	7.53A
Module Efficiency STC (%)	16.50%		16.80%		17.11%		17.41%		17.72%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.38%/°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%