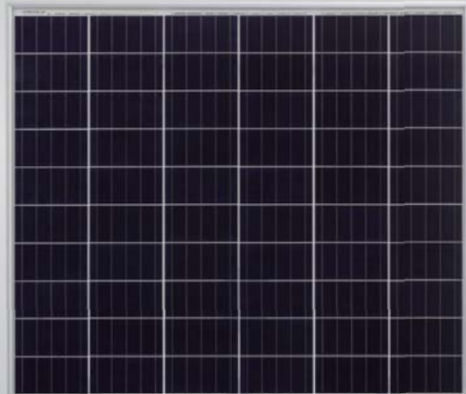


Eagle HC 60P 265-285 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Poly 60 Cell



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 Efficiency:

Higher module conversion efficiency (up to 17.26%) benefits from Half Cells structure (low resistance characteristics).



PID RESISTANT:

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



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.

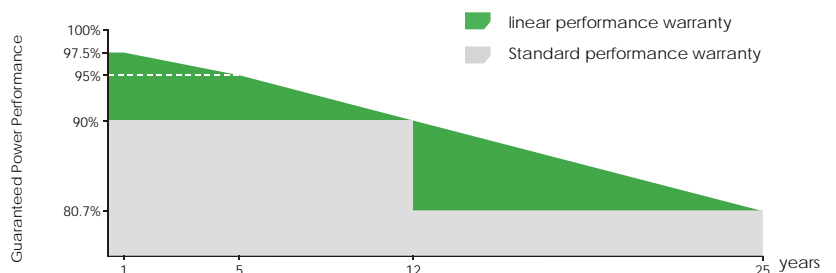


LINEAR PERFORMANCE WARRANTY

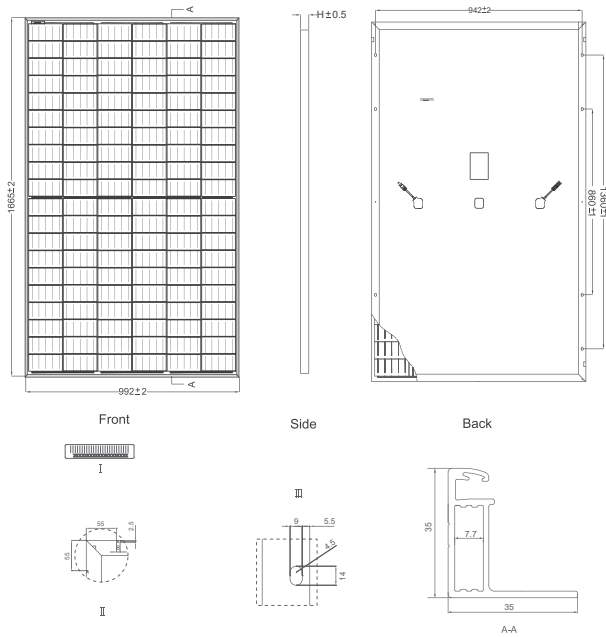
10 Year Product Warranty • 25 Year Linear Power Warranty

• ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.

• IEC61215、IEC61730 certified products



Engineering Drawings

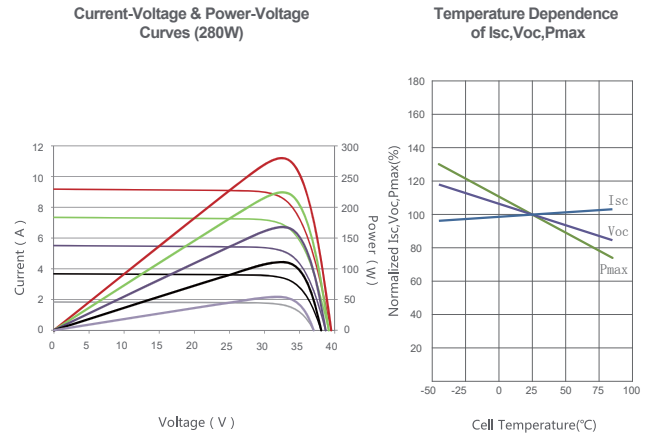


Packaging Configuration

(Two pallets =One stack)

30pcs/pallet , 60pcs/stack, 780 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of Half-cells	120 (12×10)
Dimensions	1665×992×35mm (65.55×39.05×1.37 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	anode 290mm, cathode 145mm or Customized Length

SPECIFICATIONS

Module Type	JKM265PP-60H		JKM270PP-60H		JKM275PP-60H		JKM280PP-60H		JKM285PP-60H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P_{max})	265Wp	197Wp	270Wp	200Wp	275Wp	204Wp	280Wp	208Wp	285Wp	212Wp
Maximum Power Voltage (V_{mp})	31.4V	29.0V	31.7V	29.4V	32.0V	29.8V	32.3V	30.1V	32.5V	30.4V
Maximum Power Current (I_{mp})	8.44A	6.78A	8.52A	6.80A	8.61A	6.85A	8.69A	6.91A	8.77A	6.97A
Open-circuit Voltage (V_{oc})	38.6V	35.3V	38.8V	35.4V	39.1V	35.4V	39.4V	35.6V	39.6V	35.7V
Short-circuit Current (I_{sc})	9.03A	7.36A	9.09A	7.38A	9.15A	7.44A	9.20A	7.99A	9.26A	8.05A
Module Efficiency STC (%)	16.04%		16.34%		16.65%		16.95%		17.26%	
Operating Temperature ($^{\circ}C$)	-40 $^{\circ}C$ ~+85 $^{\circ}C$									
Maximum system voltage	1000V DC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of P_{max}	-0.38%/ $^{\circ}C$									
Temperature coefficients of V_{oc}	-0.31%/ $^{\circ}C$									
Temperature coefficients of I_{sc}	0.06%/ $^{\circ}C$									
Nominal operating cell temperature (NOCT)	45 \pm 2 $^{\circ}C$									

STC: Irradiance 1000W/m²

Cell Temperature 25 $^{\circ}C$

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20 $^{\circ}C$

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: \pm 3%