

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.







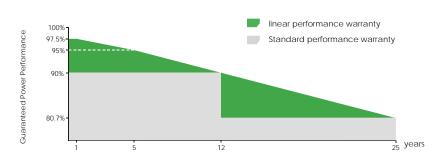




LINEAR PERFORMANCE WARRANTY

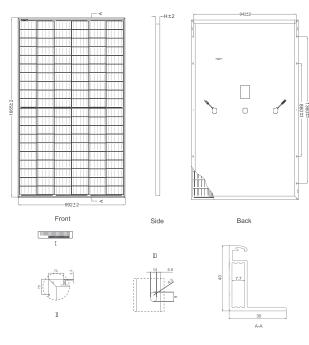
10 Year Product Warranty • 25 Year Linear Power Warranty

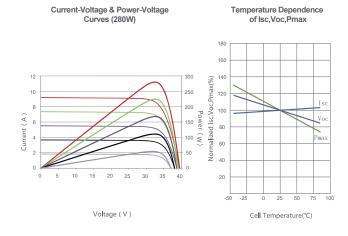
- ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.
- IEC61215 \ IEC61730 certified products



Engineering Drawings

Electrical Performance & Temperature Dependence





Packaging Configuration

(Two pallets =One stack)

26pcs/pallet , 52pcs/stack, 676 pcs/40'HQ Container

Mechanical Characteristics Cell Type Poly-crystalline 156×156mm (6 inch) No.of Half-cells 120 (12×10) Dimensions 1665×992×40mm (65.55×39.05×1.57 inch) Weight 18.5 kg (40.8 lbs) 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass Front Glass Anodized Aluminium Alloy Frame Junction Box IP67 Rated **Output Cables** anode 290mm, cathode 145mm

SPECIFICATIONS											
Module Type	JKM265PP-60H		JKM27	JKM270PP-60H		JKM275PP-60H		JKM280PP-60H		PP-60H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power (Pmax)	265Wp	199Wp	270Wp	203Wp	275Wp	206Wp	280Wp	210Wp	285Wp	214Wp	
Maximum Power Voltage (Vmp)	31.5V	28.8V	31.7V	29.1V	32.0V	29.4V	32.3V	29.8V	32.6V	30.1V	
Maximum Power Current (Imp)	8.41A	6.90A	8.51A	6.96A	8.59A	6.99A	8.66A	7.06A	8.73A	7.12A	
Open-circuit Voltage (Voc)	37.7V	35.3V	37.8V	35.6V	38.0V	35.9V	39.5V	36.2V	39.8V	36.5V	
Short-circuit Current (Isc)	9.01A	7.19A	9.06A	7.23A	9.12A	7.27A	9.18A	7.31A	9.24A	7.35A	
Module Efficiency STC (%)	16.04%		16.	16.34%		16.65%		16.95%		17.26%	
Operating Temperature(°C)					-40°C~+85°C						
Maximum system voltage					1000V	DC (IEC)					
Maximum series fuse rating					2	0A					
ower tolerance 0~+3%											
Temperature coefficients of Pmax				-0.38%/°C							
Temperature coefficients of Voc					-0.3	1%/°C					
Temperature coefficients of Isc					0.0	6%/°C					
Nominal operating cell temperature (No	OCT)				45	±2°C					







NOCT: Firadiance 800W/m² Ambient Temperature 20°C AM=1.5





Wind Speed 1m/s

^{*} Power measurement tolerance: ± 3%