

Eagle HC 60M 310-330 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 60 Cell
- System Voltage: 1000 VDC

(Made in China)



PERC



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 19.37%) 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, 96 hours) 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:

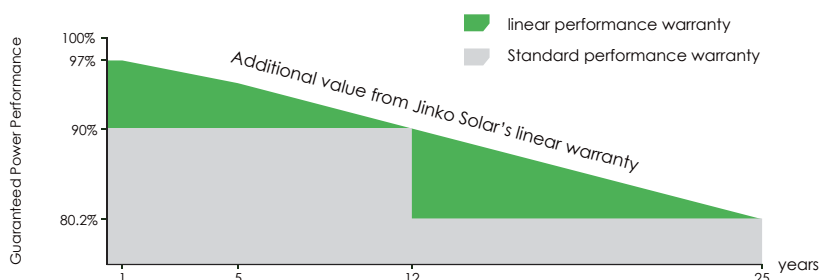
High salt mist and ammonia resistance certified by TUV NORD.



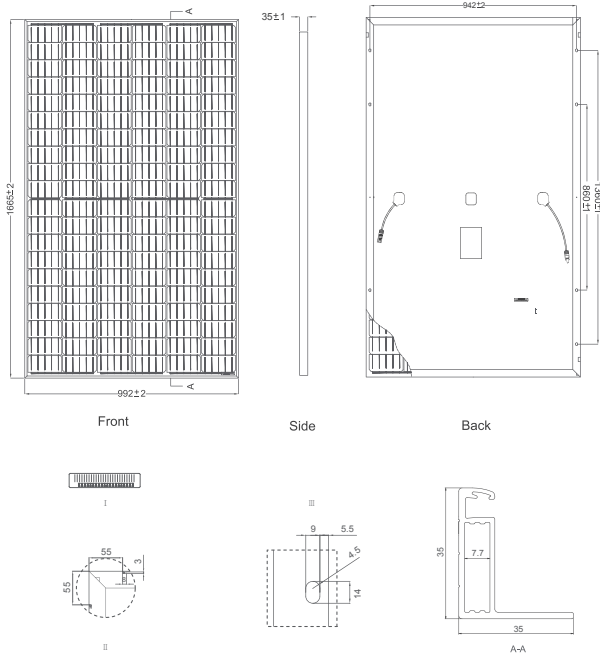
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

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



Engineering Drawings



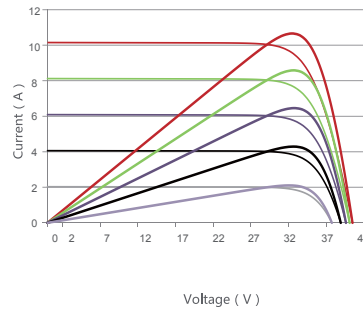
Packaging Configuration

(Two pallets =One stack)

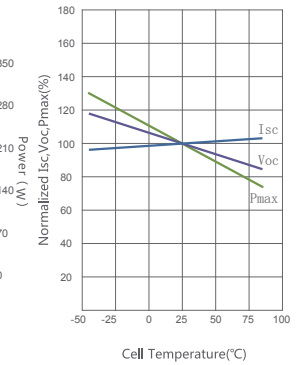
26pcs/pallet , 52pcs/stack, 840pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (310W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type Mono-crystalline PERC 156×156mm (6 inch)

No. of Half-cells 120 (12×10)

Dimensions 1665×992×35mm (65.55×39.05×1.38 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 (+) 290mm, (-) 145mm or Customized Length

Connector JK03M; Jinko PV Material

SPECIFICATIONS

Module Type	JKM310M-60H		JKM315M-60H		JKM320M-60H		JKM325M-60H		JKM330M-60H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	310Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp
Maximum Power Voltage (Vmp)	33.0V	31.0V	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V	33.8V	31.8V
Maximum Power Current (Imp)	9.40A	7.49A	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A	9.77A	7.74A
Open-circuit Voltage (Voc)	40.5V	37.4V	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V	41.3V	38.2V
Short-circuit Current (Isc)	10.15A	8.20A	10.23A	8.33A	10.31A	8.44A	10.5A	8.54A	10.61A	8.65A
Module Efficiency STC (%)	18.77%		19.07%		19.37%		19.67%		19.98%	
Operating Temperature(°C)	-40°C~-+85°C									
Maximum system voltage	1000V DC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.36%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°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%