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Jinko Solar
Building Your Trust in Solar

Eagle 1500V 60

290-310 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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

（Made in China）

PERC

(5BB)

KEY FEATURES

System Voltage:
The maximum voltage is promoted to 1500V and the module strings are extended by 50% which reduces the overall system BOS.

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 18.94%) benefit from Passivated Emmiter Rear Contact (PERC) technology.

PID RESISTANT:
Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.

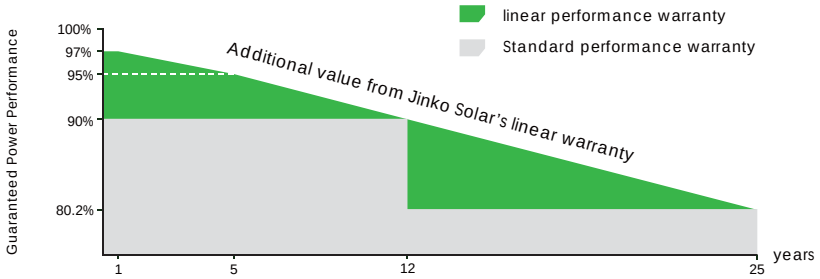
Low-light Performance:
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.

Severe Weather Resilience:
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

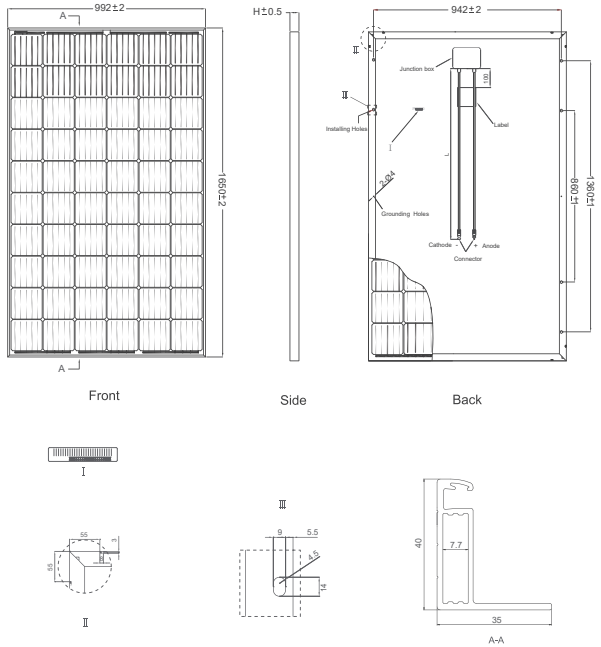
Durability against extreme environmental conditions:
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

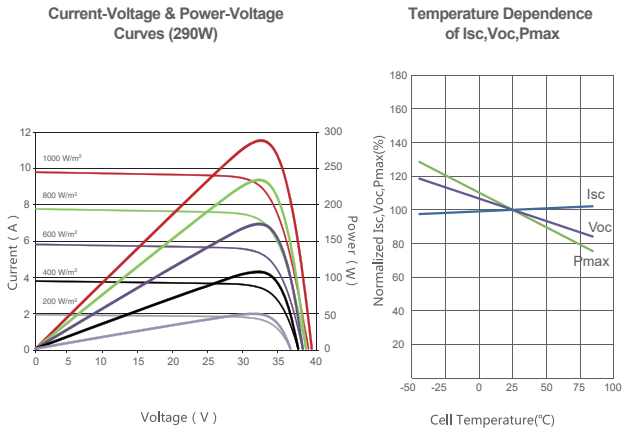
10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline PERC 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, 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
Connector	JK03M; Jinko PV Material

Packaging Configuration

(Two pallets =One stack)

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

SPECIFICATIONS

Module Type	JKM290M-60-V		JKM295M-60-V		JKM300M-60-V		JKM305M-60-V		JKM310M-60-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	290Wp	216Wp	295Wp	220Wp	300Wp	224Wp	305Wp	227Wp	310Wp	231Wp
Maximum Power Voltage (Vmp)	32.2V	30.2V	32.5V	30.5V	32.6V	30.7V	32.8V	31.0V	33.0V	31.0V
Maximum Power Current (Imp)	9.02A	7.21A	9.11A	7.29A	9.22A	7.41A	9.31A	7.50A	9.40A	7.49A
Open-circuit Voltage (Voc)	38.8V	36.6V	38.9V	36.8V	39.1V	37.1V	39.2V	37.3V	40.5V	37.4V
Short-circuit Current (Isc)	9.78A	7.81A	9.91A	7.89A	10.02A	7.98A	10.12A	8.07A	9.92A	8.20A
Module Efficiency STC (%)	17.72%		18.02%		18.33%		18.63%		18.94%	
Operating Temperature(℃)	-40℃~+85℃									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.39%/℃									
Temperature coefficients of Voc	-0.29%/℃									
Temperature coefficients of Isc	0.05%/℃									
Nominal operating cell temperature (NOCT)	45±2℃									

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%

The company reserves the final right for explanation on any of the information presented hereby. EN-JKM-310M-60-PERC-V_v1.0_rev2017