

# Eagle PERC 60

## 285-305 Watt

### MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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

(Australia & NZ Market Use Only)



PERC

(4BB)



## KEY FEATURES



### 4 Busbar Solar Cell:

4 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 18.33%) benefit from Passivated Emmitter 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).

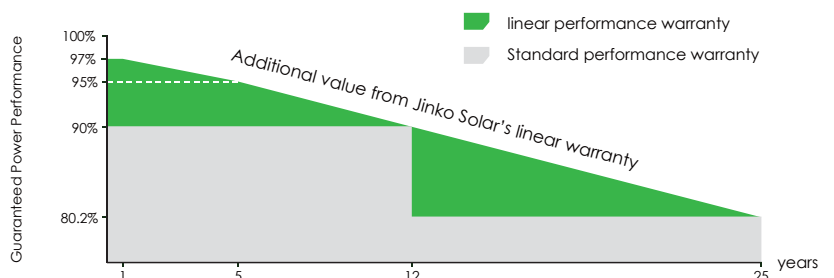


### Durability against extreme environmental conditions:

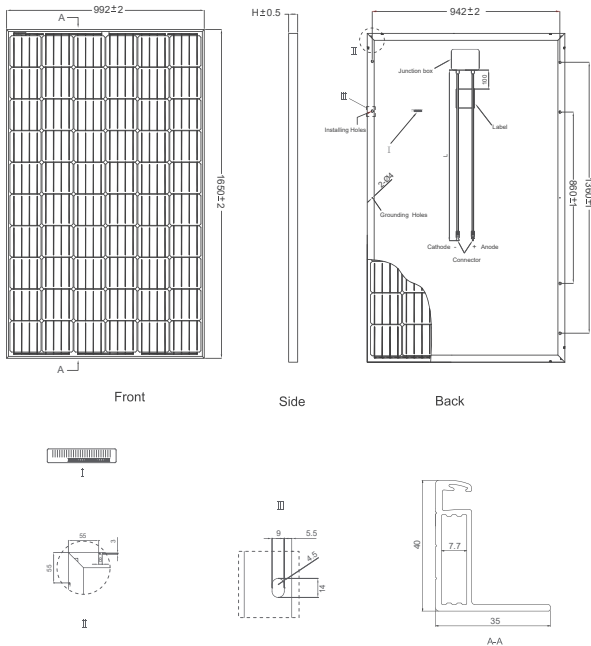
High salt mist and ammonia resistance certified by TUV NORD.

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

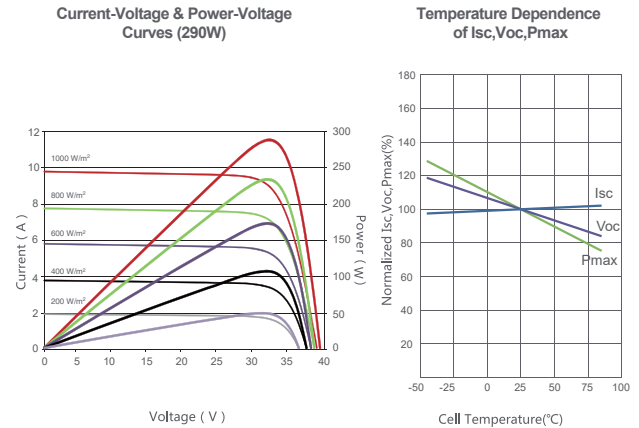


## Packaging Configuration

( Two pallets = One stack )

25pcs/pallet , 50pcs/stack, 700 pcs/40'HQ Container

## 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	18.5 kg (40.8 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 <sup>2</sup> ; Length: 900mm or Customized Length

## SPECIFICATIONS

Module Type	JKM285M-60		JKM290M-60		JKM295M-60		JKM300M-60		JKM305M-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	285Wp	212Wp	290Wp	216Wp	295Wp	220Wp	300Wp	224Wp	305Wp	227Wp
Maximum Power Voltage (Vmp)	32.0V	29.9V	32.2V	30.2V	32.5V	30.5V	32.6V	30.7V	32.8V	31.0V
Maximum Power Current (Imp)	8.90A	7.12A	9.02A	7.21A	9.11A	7.29A	9.22A	7.41A	9.31A	7.50A
Open-circuit Voltage (Voc)	38.7V	36.4V	38.8V	36.6V	38.9V	36.8V	39.1V	37.1V	39.2V	37.3V
Short-circuit Current (Isc)	9.65A	7.72A	9.78A	7.81A	9.91A	7.89A	10.02A	7.98A	10.12A	8.07A
Module Efficiency STC (%)	17.41%		17.72%		18.02%		18.33%		18.63%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.39%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* Power measurement tolerance: ± 3%

Please send your enquiries to [aus@jinkosolar.com](mailto:aus@jinkosolar.com)

The company reserves the final right for explanation on any of the information presented hereby. AU-JKM-305M-60-PERC\_rev2016