

Eagle Bifacial 72H

360-380 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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

(Draft)



PERC

(5BB)



KEY FEATURES



Innovative Solar Cells

5 busbar mono half cell technology



PID FREE

The possibility of PID effect generation is greatly reduced by unique frameless design.



Higher Lifetime Power Yield

0.5% annual power degradation
30 year linear power warranty



Saving BOS Cost

Designed for high voltage systems of up to 1500 VDC, saving BOS cost



Higher power output

Module power increases 5-25% generally (per different reflective condition)
lower LCOE and higher IRR



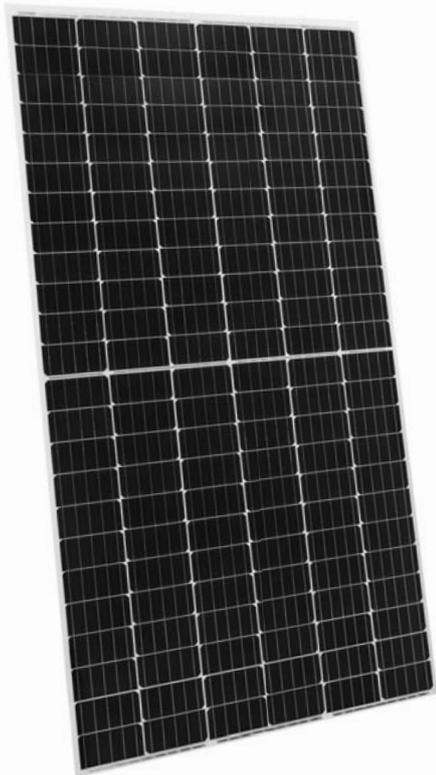
Better low-light performance

Excellent performance in low-light environments (e.g. early morning, dusk, and cloud, etc.)



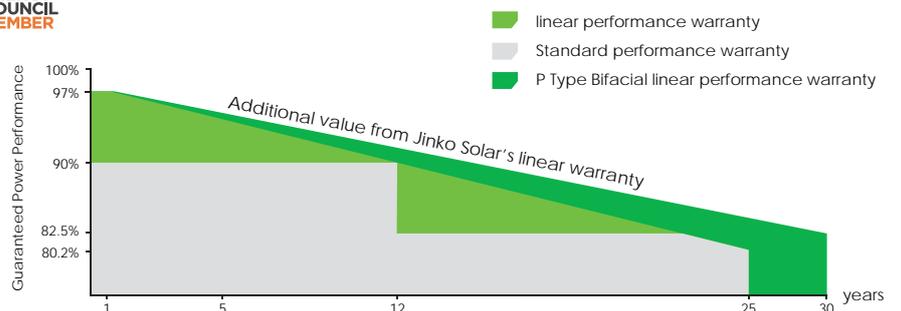
Strengthened Mechanical Support

5400 Pa snow load, 2400 Pa wind load

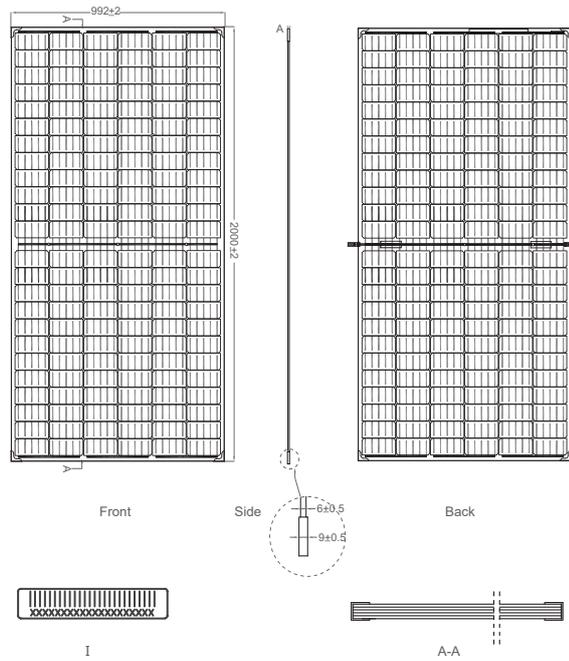


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 30 Year Linear Power Warranty
0.5% Annual Degradation Over 30 years



Engineering Drawings



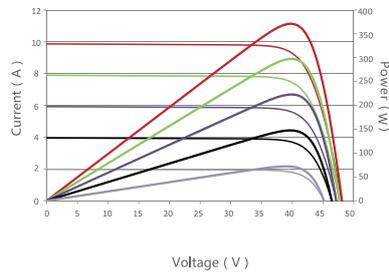
Packaging Configuration

(Two pallets = One stack)

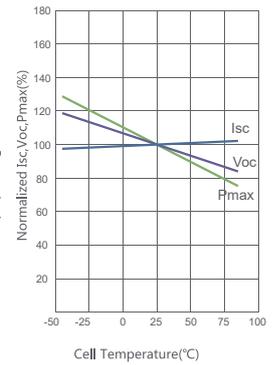
30pcs/pallet, 60pcs/stack, 660 pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (370W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No. of cells	144 (6×24)
Dimensions	2000×992×6mm (78.74×39.05×0.24 inch)
Weight	28.5kg (62.9 Ibs)
Front Glass	2.5mm, Anti-Reflection Coating
Back Glass	2.5mm heat strengthened glass
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm ² positive – 250mm, negative- 150mm or customized length

SPECIFICATIONS

Module Type	JKM360M-72H-BDVP		JKM365M-72H-BDVP		JKM370M-72H-BDVP		JKM375M-72H-BDVP		JKM380M-72H-BDVP	
	STC	NOCT								
Maximum Power (Pmax)	360Wp	266Wp	365Wp	270Wp	370Wp	274Wp	375Wp	278Wp	380Wp	282Wp
Maximum Power Voltage (Vmp)	39.1V	35.4V	39.3V	35.7V	39.5V	35.9V	39.8V	36.2V	40.0V	36.4V
Maximum Power Current (Imp)	9.22A	7.52A	9.29A	7.57A	9.37A	7.64A	9.43A	7.69A	9.50A	7.75A
Open-circuit Voltage (Voc)	46.9V	43.1V	47.1V	43.3V	47.3V	43.5V	47.6V	43.8V	47.8V	44.0V
Short-circuit Current (Isc)	9.72A	7.87A	9.78A	7.92A	9.85A	7.98A	9.92A	8.03A	9.98A	8.08A
Module Efficiency STC (%)	18.15%		18.40%		18.65%		18.90%		19.15%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.36%/°C									
Temperature coefficients of Voc	-0.30%/°C									
Temperature coefficients of Isc	0.05%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	70±3%									

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		JKM360M-72H-BDVP	JKM365M-72H-BDVP	JKM370M-72H-BDVP	JKM375M-72H-BDVP	JKM380M-72H-BDVP
5%	Maximum Power (Pmax)	378Wp	383Wp	389Wp	394Wp	399Wp
	Module Efficiency STC (%)	19.05%	19.32%	19.58%	19.85%	20.11%
15%	Maximum Power (Pmax)	414Wp	420Wp	426Wp	431Wp	437Wp
	Module Efficiency STC (%)	20.87%	21.16%	21.45%	21.74%	22.03%
25%	Maximum Power (Pmax)	450Wp	456Wp	463Wp	469Wp	475Wp
	Module Efficiency STC (%)	22.68%	23.00%	23.31%	23.63%	23.94%

* 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%