

Eagle Bifacial 72

355-375 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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

(Draft)



(5BB)



KEY FEATURES



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)



Better low-light performance:

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

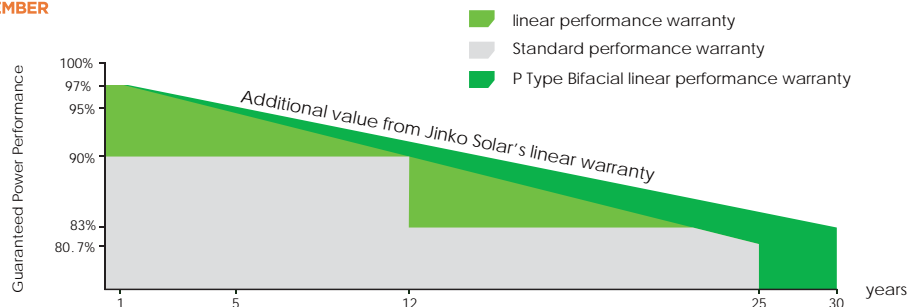


Strengthened Mechanical Support:

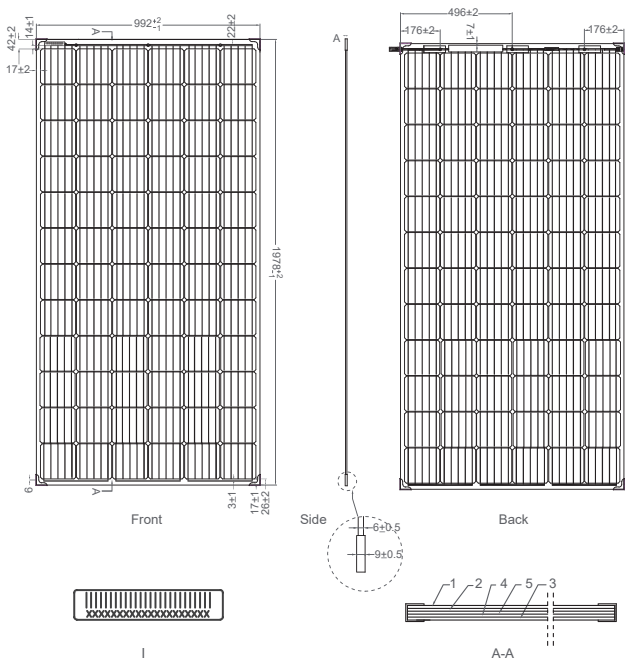
5400 Pa snow load, 2400 Pa wind load

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings



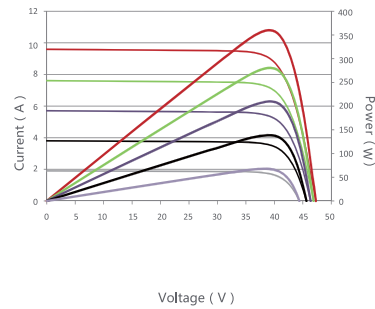
Packaging Configuration

(Two boxes=One pallet)

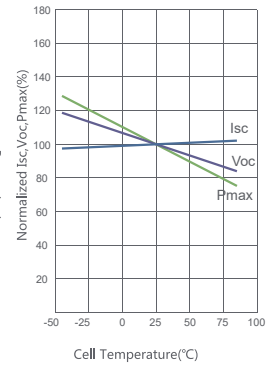
30pcs/box, 60pcs/pallet, 660 pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (355W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1978x992x6mm(77.86x39.05x0.24 inch, 2.5mm Glass)
Weight	28.5kg(61.9 lbs, 2.5mm Glass)
Front Glass	2.5mm, High transmission, Antireflection coating, heat strengthened glass
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	JKM355M-72-BDVP		JKM360M-72-BDVP		JKM365M-72-BDVP		JKM370M-72-BDVP		JKM375M-72-BDVP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	355Wp	264Wp	360Wp	268Wp	365Wp	271Wp	370Wp	275Wp	375Wp	279Wp
Maximum Power Voltage (Vmp)	39.6V	36.0V	39.8V	36.2V	40.1V	36.5V	40.3V	36.7V	40.5V	36.8V
Maximum Power Current (Imp)	8.98A	7.34A	9.05A	7.41A	9.12A	7.43A	9.19A	7.50A	9.26A	7.58A
Open-circuit Voltage (Voc)	47.5V	43.7V	47.7V	43.9V	47.9V	44.1V	48.1V	44.3V	48.3V	44.5V
Short-circuit Current (Isc)	9.58A	7.76A	9.65A	7.80A	9.72A	7.87A	9.79A	7.93A	9.88A	8.00A
Module Efficiency STC (%)	18.09%		18.35%		18.60%		18.86%		19.11%	
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	-0.40%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	0.05%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	70±3%									

* 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%