

Eagle Dual 72 355-375 Watt MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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



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



Improved Durability and Reliability:

Dual glass reduces micro-cracking, snail trails, corrosions caused by moisture, sand, salt mist, acid, alkali, etc.



Less Maintenance Requirement:

Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Aesthetically Pleasing Design:

White encapsulation material maximizes module efficiency up to 19.21% (72-mono max. output 375W); Transparent EVA increases light transmission, ideal for installations requiring light to pass through



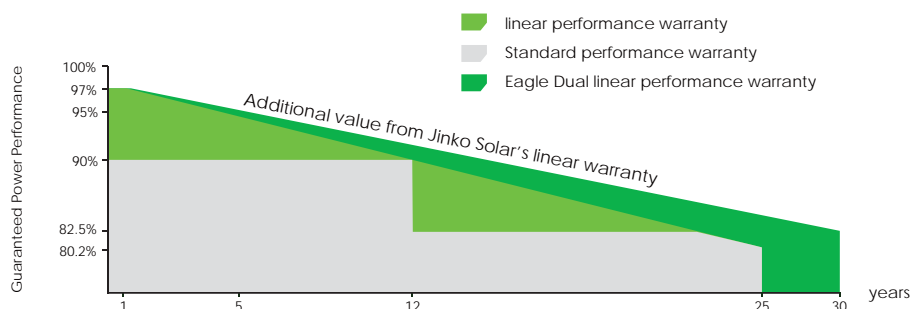
Strengthened Mechanical Support:

5400 Pa snow load, 2400 Pa wind load

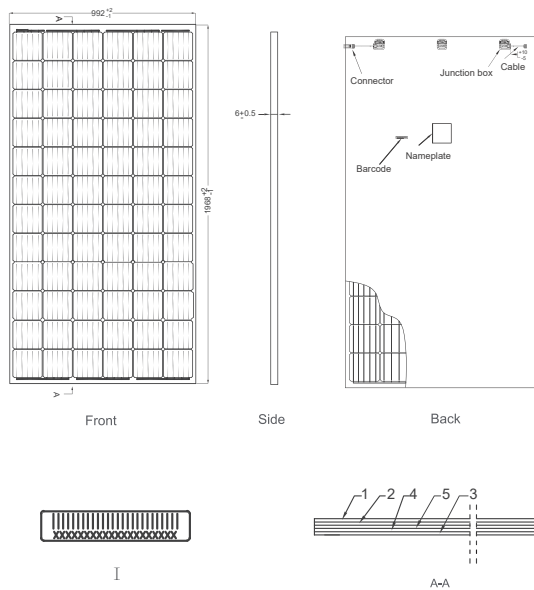


LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings



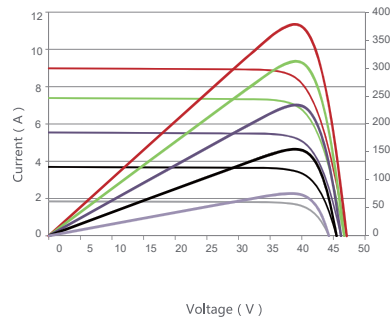
Packaging Configuration

(Two pallets=One stack)

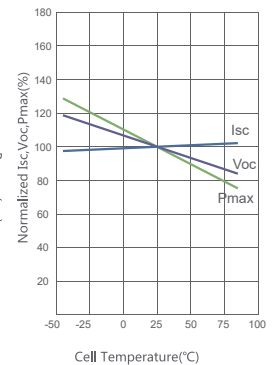
30pcs/pallet, 60pcs/stack, 660 pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

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



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1968×992×6mm(77.48×39.05×0.24 inch, 2.5mm Glass)
Weight	28kg(61.7 lbs, 2.5mm Glass)
Front Glass	2.5mm High transmission, Antireflection coating, semi-tempered glass
Back Glass	2.5mm Semi-tempered glass
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm positive – 250mm, negative- 150mm or customized

SPECIFICATIONS

Module Type	JKM355M-72-DV		JKM360M-72-DV		JKM365M-72-DV		JKM370M-72-DV		JKM375M-72-DV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	355Wp	266Wp	360Wp	270Wp	365Wp	274Wp	370Wp	278Wp	375Wp	282Wp
Maximum Power Voltage (Vmp)	39.3V	37.5V	39.5V	37.7V	39.7V	37.9V	39.9V	38.1V	40.2V	38.3V
Maximum Power Current (Imp)	9.04A	7.09A	9.12A	7.17A	9.20A	7.24A	9.28A	7.30A	9.33A	7.36A
Open-circuit Voltage (Voc)	47.8V	46.2V	48.0V	46.5V	48.2V	46.8V	48.5V	47.0V	48.7V	47.2V
Short-circuit Current (Isc)	9.45A	7.54A	9.51A	7.61A	9.57A	7.68A	9.61A	7.75A	9.68A	7.82A
Module Efficiency STC (%)	18.18%		18.44%		18.70%		18.95%		19.21%	
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	-0.37%/°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%