

Swan Bifacial 72H 380-400 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.

IEC61215、IEC61730 certified products.



PERC



KEY FEATURES



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.



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



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.)

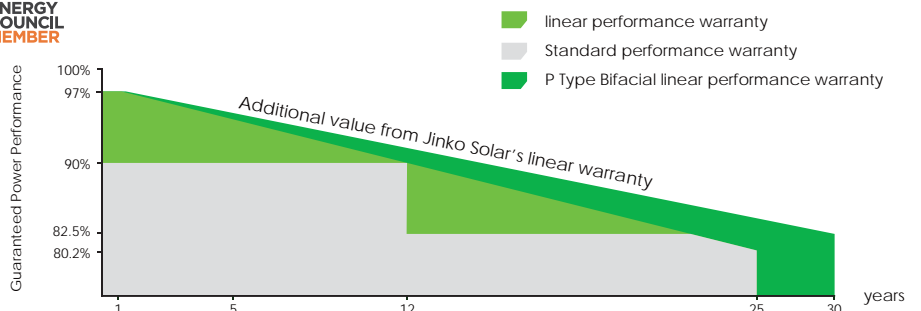


Strengthened Mechanical Support

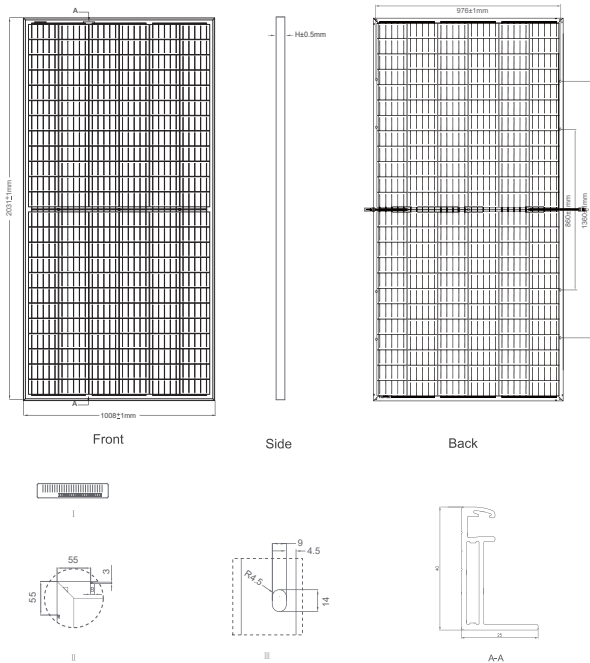
5400 Pa snow load, 2400 Pa wind load

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

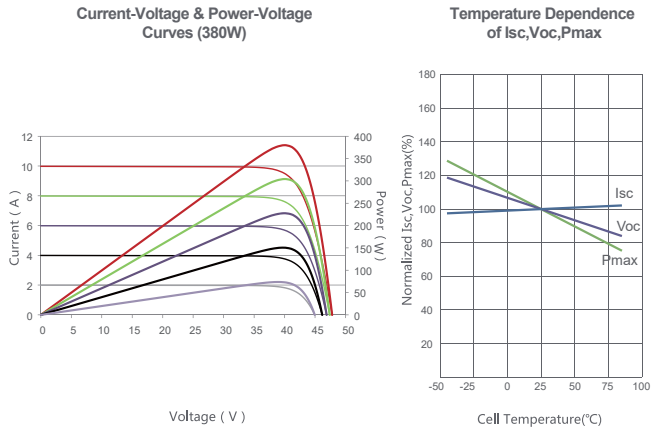


Packaging Configuration

(Two pallets = One stack)

26pcs/pallets, 52pcs/stack, 572pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of cells	144 (6×24)
Dimensions	2031×1008×40mm (79.96×39.69×1.57 inch)
Weight	31.8kg (70.11 lbs)
Front Glass	2.5mm, Anti-Reflection Coating
Back Glass	2.5mm heat strengthened glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm ² (+): 250mm, (-): 150mm or customized length

SPECIFICATIONS

Module Type	JKM380M-72H-BDVP		JKM385M-72H-BDVP		JKM390M-72H-BDVP		JKM395M-72H-BDVP		JKM400M-72H-BDVP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	282Wp	385Wp	285Wp	390Wp	289Wp	395Wp	293Wp	400Wp	296Wp
Maximum Power Voltage (Vmp)	40.0V	36.4V	40.3V	36.6V	40.6V	36.8V	40.8V	37.0V	41.0V	37.2V
Maximum Power Current (Imp)	9.50A	7.75A	9.56A	7.80A	9.62A	7.86A	9.69A	7.92A	9.76A	7.97A
Open-circuit Voltage (Voc)	47.8V	44.0V	48.1V	44.2V	48.3V	44.4V	48.5V	44.6V	48.8V	44.8V
Short-circuit Current (Isc)	9.98A	8.08A	10.04A	8.13A	10.11A	8.18A	10.17A	8.24A	10.24A	8.29A
Module Efficiency STC (%)	18.56%		18.81%		19.05%		19.29%		19.54%	
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	-0.29%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	70±5%									

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		JKM380M-72H-BDVP	JKM385M-72H-BDVP	JKM390M-72H-BDVP	JKM395M-72H-BDVP	JKM400M-72H-BDVP
5%	Maximum Power (Pmax)	399Wp	404Wp	410Wp	415Wp	420Wp
	Module Efficiency STC (%)	19.49%	19.75%	20.00%	20.26%	20.52%
15%	Maximum Power (Pmax)	437Wp	443Wp	449Wp	454Wp	460Wp
	Module Efficiency STC (%)	21.35%	21.63%	21.91%	22.19%	22.47%
25%	Maximum Power (Pmax)	475Wp	481Wp	488Wp	494Wp	500Wp
	Module Efficiency STC (%)	23.20%	23.51%	23.81%	24.12%	24.42%

* 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.
SWAN DG JKM380-400M-72H-BDVP-F40-A1-EN