

# Swan N-Type Bifacial HC 72M 375-400 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

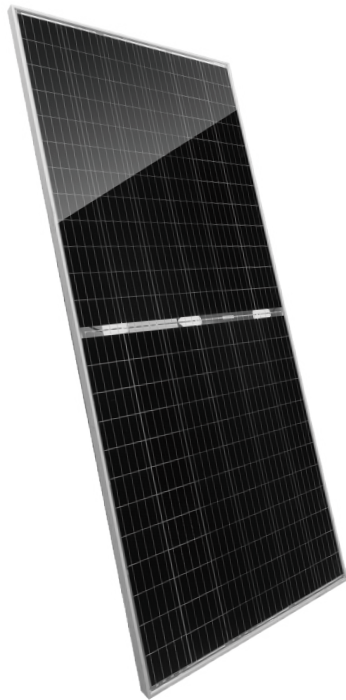
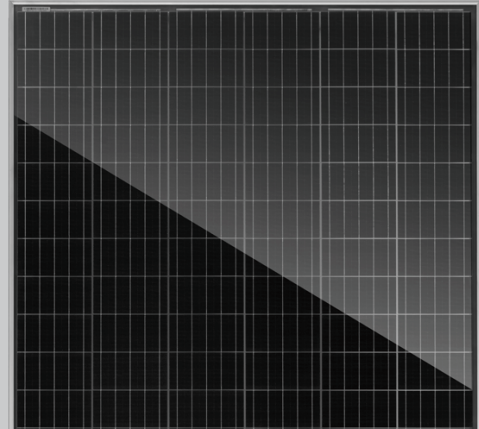
ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.

IEC61215, IEC61730, UL1703 certified products.

(Made in China)



**HOT**



## KEY FEATURES



### N-type HOT Technology

N-type HOT technology makes 19.54% bi-facial module efficiency



### Higher Lifetime Power Yield

Superior Warranty: 30 years performance warranty;  
1% First year degradation  
0.45% Linear power degradation



### Saving BOS Cost

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



### Higher power output

Module power increases 5-30% 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.)

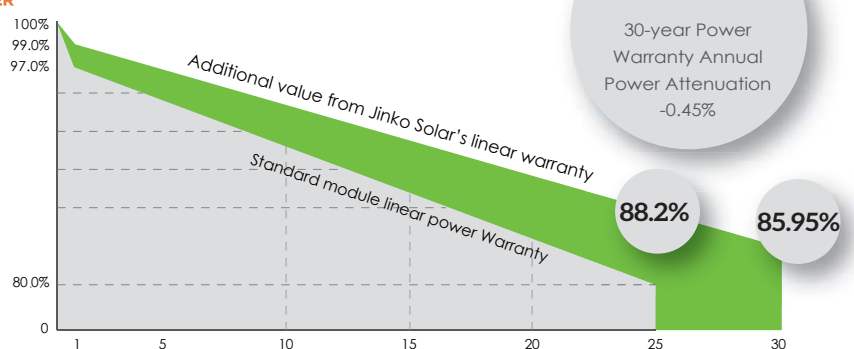


### Strengthened Mechanical Support

5400 Pa snow load, 2400 Pa wind load

## LINEAR PERFORMANCE WARRANTY

10-year Warranty for Materials and Processing;  
30-year Warranty for Extra Linear Power Output



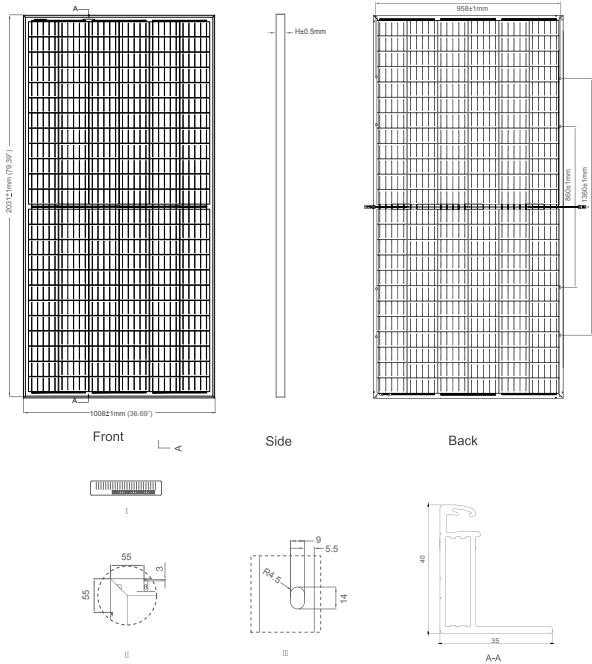
**-0.45%**

30-year Power  
Warranty Annual  
Power Attenuation  
-0.45%

**88.2%**

**85.95%**

## Engineering Drawings

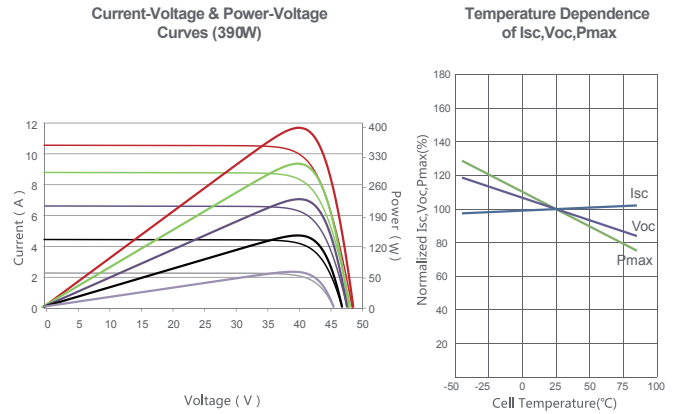


## Packaging Configuration

(Two pallets = One stack)

27pcs/pallets, 54pcs/stack, 594pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	N type Mono-crystalline 158.75×158.75mm
No. of cells	144 (6×24)
Dimensions	2031×1008×40mm (79.96×39.69×1.57 inch)
Weight	23.3kg (51.3 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 250mm, (-): 150mm or customized length
Connector	JK03M; Jinko PV Material

## SPECIFICATIONS

Module Type	JKM375N-72H-TV		JKM380N-72H-TV		JKM385N-72H-TV		JKM390N-72H-TV		JKM395N-72H-TV		JKM400N-72H-TV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	375Wp	279Wp	380Wp	282Wp	385Wp	286Wp	390Wp	290Wp	395Wp	293Wp	400Wp	297Wp
Maximum Power Voltage (Vmp)	39.32V	36.61V	39.43V	36.64V	39.53V	36.74V	39.64V	36.84V	39.74V	36.98V	39.85V	37.12V
Maximum Power Current (Imp)	9.54A	7.62A	9.64A	7.70A	9.74A	7.78A	9.84A	7.86A	9.94A	7.93A	10.04A	8.00A
Open-circuit Voltage (Voc)	48.10V	45.30V	48.2V	45.40V	48.31V	45.50V	48.4V	45.59V	48.5V	45.68V	48.63V	45.80V
Short-circuit Current (Isc)	10.07A	8.13A	10.17A	8.21A	10.26A	8.29A	10.36A	8.37A	10.45A	8.44A	10.54A	8.51A
Module Efficiency STC (%)	18.49%		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	25A											
Power tolerance	0~+3%											
Temperature coefficients of Pmax	-0.35%/°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	85±5%											

## BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		394Wp	399Wp	404Wp	410Wp	415Wp	420Wp
5%	Maximum Power (Pmax)	394Wp	399Wp	404Wp	410Wp	415Wp	420Wp
	Module Efficiency STC (%)	19.23%	19.49%	19.75%	20.00%	20.26%	20.52%
15%	Maximum Power (Pmax)	431Wp	437Wp	443Wp	449Wp	454Wp	460Wp
	Module Efficiency STC (%)	21.06%	21.35%	21.63%	21.91%	22.19%	22.47%
30%	Maximum Power (Pmax)	488Wp	494Wp	501Wp	507Wp	514Wp	520Wp
	Module Efficiency STC (%)	23.81%	24.13%	24.45%	24.76%	25.08%	25.40%

\* 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%

The company reserves the final right for explanation on any of the information presented hereby.  
SWAN HOT JKM375-400N-72H-TV-D2-EN for CEC listing