

Swan Bifacial 72H 395 - 415 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+5W

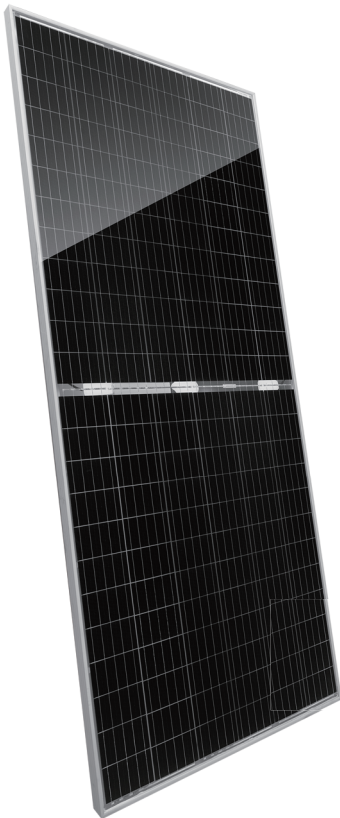
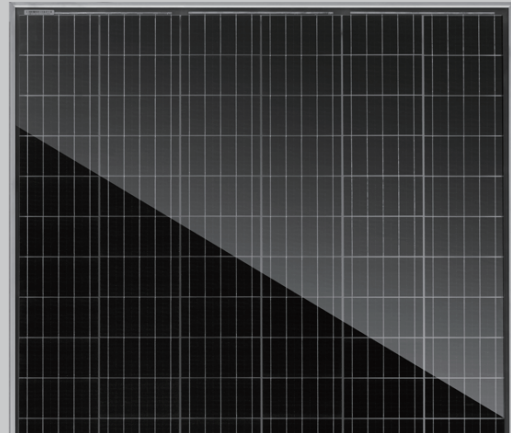
ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.

IEC61215, IEC61730 certified products.

(Made in China/Malaysia/Vietnam)



PERT



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.



Low LID:

N-type module with low LID to guarantee PV system output.



PID FREE:

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



Higher Lifetime Power Yield:

Superior Warranty: 30years performance warranty, 0.45% linear power Degradation



Saving BOS Cost:

Light-weight design for easy installation and low 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.)



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

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



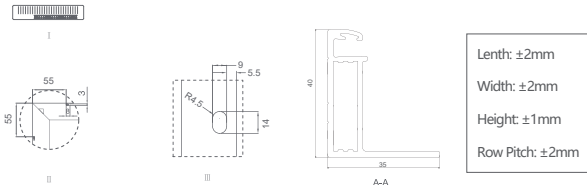
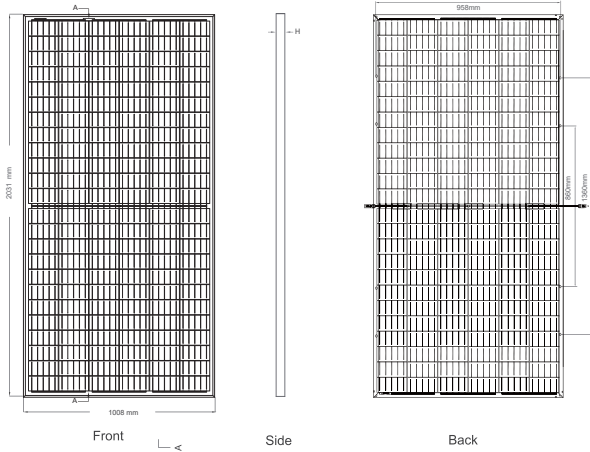
-0.45%

30-year Power
Warranty Annual
Power Attenuation
-0.45%

88.2%

85.95%

Engineering Drawings



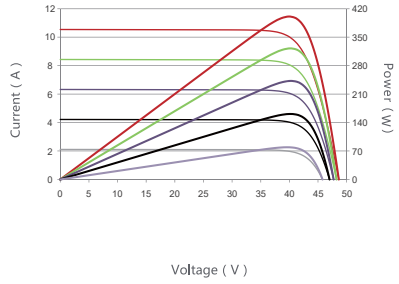
Packaging Configuration

(Two pallets = One stack)

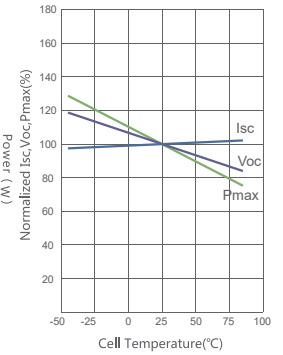
27pcs/pallets, 54pcs/stack, 594pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (400W)



Temperature Dependence of Isc, Voc, Pmax



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	23.3 kg (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 ² (+): 250mm, (-): 150 mm or Customized Length
Connector	JK03M/2B, MC4 EV02
Fire Class	Class C

SPECIFICATIONS

Module Type	M395 N-72H-TV		JKM400N-72H-TV		JKM405N-72H-TV		JKM410N-72H-TV		JKM415N-72H-TV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	301Wp	400Wp	305Wp	405Wp	308Wp	410Wp	313Wp	415Wp	316Wp
Maximum Power Voltage (Vmp)	39.74V	37.4V	39.85V	37.6V	39.99V	37.8V	40.09V	37.9V	40.22V	38.0V
Maximum Power Current (Imp)	9.94A	8.04A	10.04A	8.11A	10.13A	8.17A	10.23A	8.25A	10.32A	8.32A
Open-circuit Voltage (Voc)	48.5V	45.7V	48.63V	45.8V	48.7V	45.9V	48.8V	46.0V	48.9V	46.1V
Short-circuit Current (Isc)	10.45A	8.44A	10.54A	8.51A	10.65A	8.60A	10.75A	8.68A	10.86A	8.77A
Module Efficiency STC (%)	19.29%		19.54%		19.78%		20.03%		20.27%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+5W									
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)	42±2°C									
Refer. Bifacial Factor	85±5%									

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		M395 N-72H-TV	JKM400N-72H-TV	JKM405N-72H-TV	JKM410N-72H-TV	JKM415N-72H-TV
5%	Maximum Power (Pmax)	415Wp	420Wp	425Wp	431Wp	436Wp
	Module Efficiency STC (%)	20.26%	20.52%	20.77%	21.03%	21.28%
15%	Maximum Power (Pmax)	454Wp	460Wp	466Wp	472Wp	477Wp
	Module Efficiency STC (%)	22.19%	22.47%	22.75%	23.03%	23.31%
30%	Maximum Power (Pmax)	514Wp	520Wp	527Wp	533Wp	540Wp
	Module Efficiency STC (%)	25.08%	25.40%	25.72%	26.03%	26.35%

* 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%
Voc tolerance: ± 3%
Isc tolerance: ± 4%
Sorting tolerance: 0~+5W

Jinko Solar Co., Ltd reserves the final right for explanation on any of the information presented hereby. JKM395-415N-72H-TV-D3-EN for CEC