

Swan Bifacial 60H 320-340 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, OHSAS18001
certified factory.

IEC61215, IEC61730, UL1703 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.)

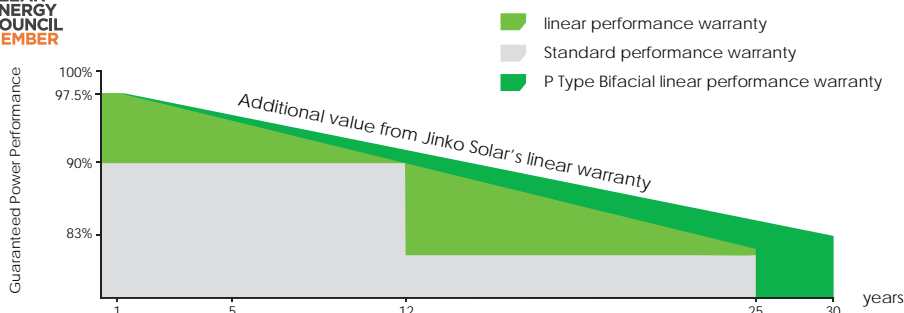


Strengthened Mechanical Support

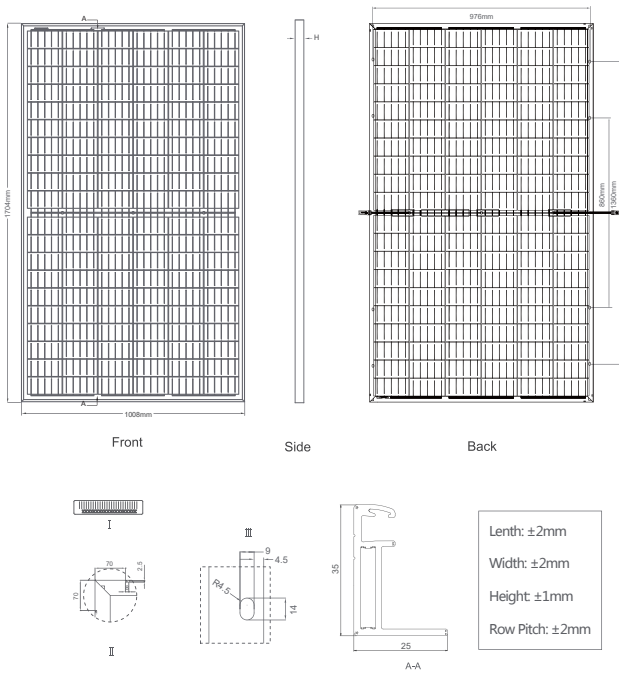
5400 Pa snow load, 2400 Pa wind load

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

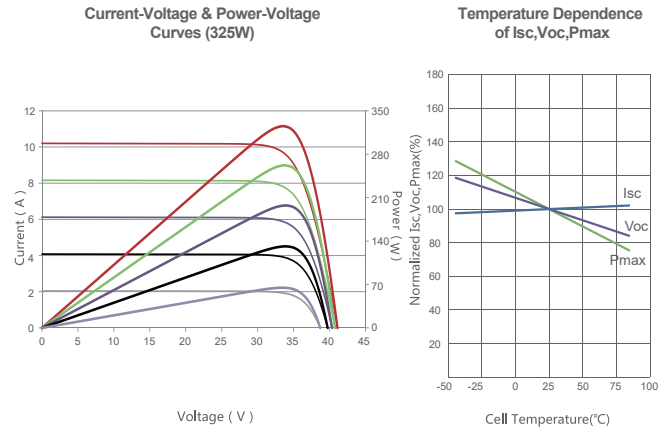


Packaging Configuration

(Two pallets = One stack)

30pcs/pallet, 60pcs/stack, 780pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of cells	120 (6×20)
Dimensions	1704×1008×35mm (67.09×39.69×1.38 inch)
Weight	26.8kg (59.08 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	JKM320M-60H-BDVP		JKM325M-60H-BDVP		JKM330M-60H-BDVP		JKM335M-60H-BDVP		JKM340M-60H-BDVP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp	340Wp	254Wp
Maximum Power Voltage (Vmp)	33.6V	30.5V	33.9V	30.7V	34.2V	31.0V	34.4V	31.3V	34.6V	31.6V
Maximum Power Current (Imp)	9.52A	7.82A	9.59A	7.89A	9.66A	7.94A	9.74A	8.00A	9.83A	8.05A
Open-circuit Voltage (Voc)	40.4V	37.1V	40.7V	37.4V	41.0V	37.7V	41.2V	37.9V	41.5V	38.1V
Short-circuit Current (Isc)	10.01A	8.12A	10.08A	8.17A	10.16A	8.22A	10.23A	8.28A	10.30A	8.33A
Module Efficiency STC (%)	18.63%		18.92%		19.21%		19.50%		19.79%	
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-REARSIDE POWER GAIN

5%	Maximum Power (Pmax)	336Wp	341Wp	347Wp	352Wp	357Wp
	Module Efficiency STC (%)	19.55%	19.86%	20.16%	20.48%	20.78%
15%	Maximum Power (Pmax)	368Wp	374Wp	380Wp	385Wp	391Wp
	Module Efficiency STC (%)	21.41%	21.75%	22.08%	22.43%	22.76%
25%	Maximum Power (Pmax)	400Wp	406Wp	413Wp	419Wp	425Wp
	Module Efficiency STC (%)	23.27%	23.64%	24.00%	24.38%	24.74%

* STC: Irradiance 1000W/m² Cell Temperature 25°C

NOCT: Irradiance 800W/m² Ambient Temperature 20°C

AM=1.5

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. JKM320-340M-60H-BDVP-F35-A3-EN