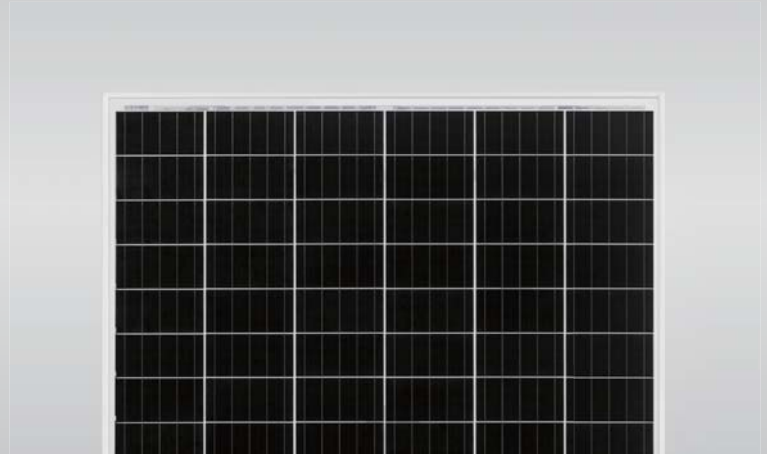


# Eagle Bifacial HC 60M G2 310-330 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%



## KEY FEATURES



### Innovative Solar Cells

5 busbar mono half cell technology



### PID Free

World's 1<sup>st</sup> PID-free module



### 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

- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards
- IEC61215, IEC61730 certified products

Nomenclature:

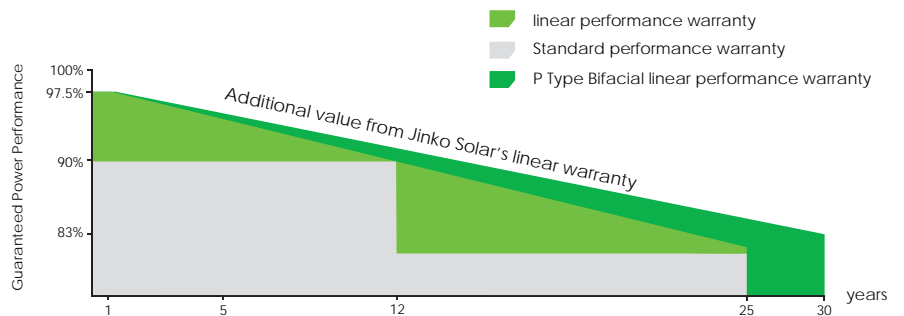
**JKM330M-60HL-BDVP**

Code	Cell	Code	Certification
null	Full	null	N Type
H	Half	P	P Type

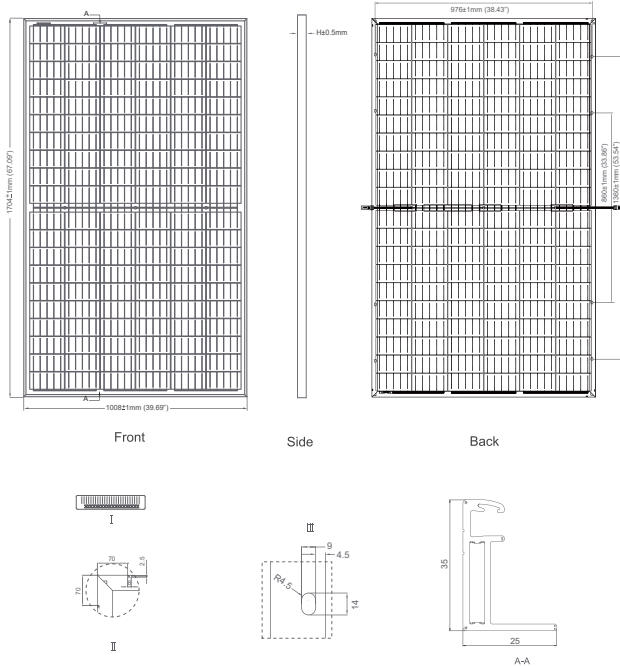


## LINEAR PERFORMANCE WARRANTY

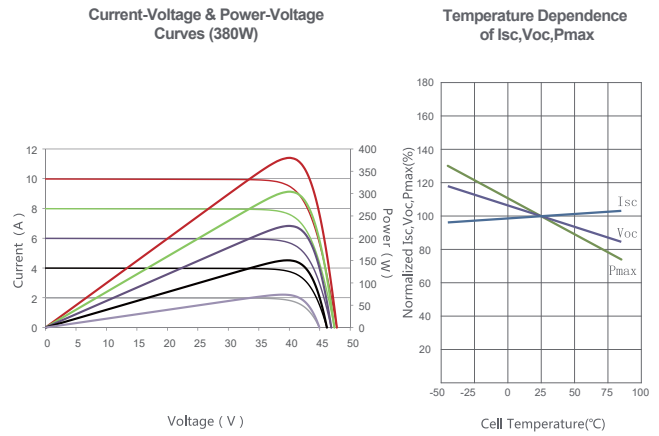
12 Year Product Warranty • 30 Year Linear Power Warranty  
0.5% Annual Degradation Over 30 years



## Engineering Drawings



## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono PERC Diamond Cell (158.75 x 158.75 mm)
No. of Half-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	12 AWG, (+): 1400mm, (-): 1400mm or customized length

## Packaging Configuration

(Two pallets = One stack)

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

## SPECIFICATIONS

Module Type	JKM310M-60HL-BDVP		JKM315M-60HL-BDVP		JKM320M-60HL-BDVP		JKM325M-60HL-BDVP		JKM330M-60HL-BDVP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	310Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp
Maximum Power Voltage (Vmp)	33.1V	30.0V	33.4V	30.3V	33.6V	30.5V	33.9V	30.7V	34.2V	31.0V
Maximum Power Current (Imp)	9.37A	7.70A	9.44A	7.76A	9.52A	7.82A	9.59A	7.89A	9.66A	7.94A
Open-circuit Voltage (Voc)	39.8V	36.6V	40.1V	36.9V	40.4V	37.1V	40.7V	37.4V	41.0V	37.7V
Short-circuit Current (Isc)	9.87A	7.99A	9.95A	8.06A	10.01A	8.12A	10.08A	8.17A	10.16A	8.22A
Module Efficiency STC (%)	18.04%		18.33%		18.62%		18.91%		19.20%	
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

		JKM310M-60HL-BDVP	JKM315M-60HL-BDVP	JKM320M-60HL-BDVP	JKM325M-60HL-BDVP	JKM330M-60HL-BDVP
5%	Maximum Power (Pmax)	326Wp	331Wp	336Wp	341Wp	347Wp
	Module Efficiency STC (%)	18.94%	19.24%	19.55%	19.86%	20.16%
15%	Maximum Power (Pmax)	357Wp	362Wp	368Wp	374Wp	380Wp
	Module Efficiency STC (%)	20.74%	21.08%	21.41%	21.75%	22.08%
25%	Maximum Power (Pmax)	388Wp	394Wp	400Wp	406Wp	413Wp
	Module Efficiency STC (%)	22.55%	22.91%	23.27%	23.64%	24.00%

\* 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%

IEC 60904-1, Photovoltaic devices - Part 1: Measurement of photovoltaic current-voltage characteristics

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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Eagle PERC G2 JKM310-330-60HL-BDVP-F35-A2-US