

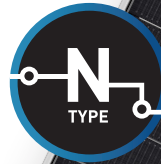


THE MOST DEPENDABLE SOLAR PRODUCT

EAGLE 72 G6B





565-585 WATT • N-TYPE BIFACIAL





Positive power tolerance of 0~+3%



- NYSE-listed since 2010, Bloomberg Tier 1 manufacturer
- Top performance in the strictest 3rd party labs
- Automated manufacturing utilizing artificial intelligence
- Vertically integrated, tight controls on quality
- Premium solar factories in USA, Vietnam, and Malaysia

KEY FEATURES

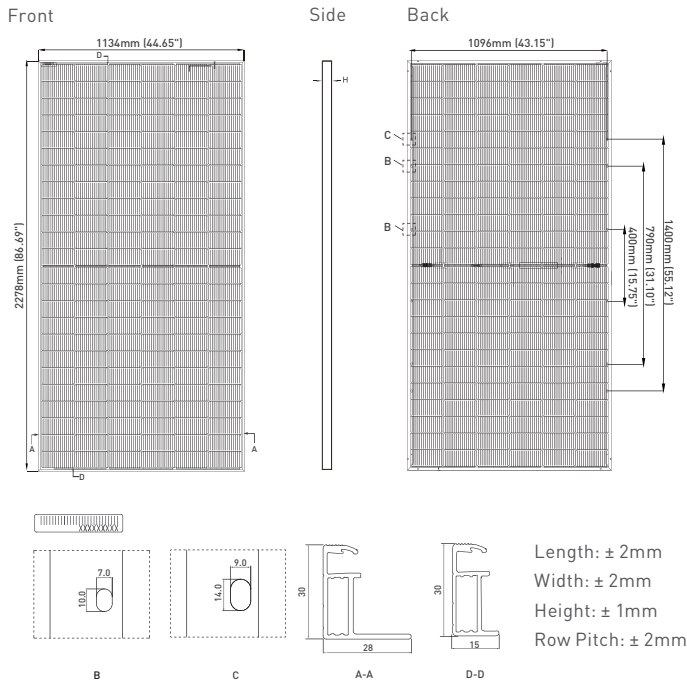
-  **N-Type Technology**
N-type cells offer Jinko's in-house TOPCon technology with better performance and improved reliability.
-  **Multi Busbar Half Cell Technology**
Better light trapping and current collection to improve module power output and reliability.
-  **Bifacial Power Gain**
N-Type architecture increases bifaciality for higher backside bonus and better lifetime yield.
-  **Low Temperature Coefficient**
Best in class temperature coefficient for highest lifetime energy yield in all climates.

-  **Industrial Grade Construction**
Fire Type 29 with optimized dual-glass construction and thick frame for highest mechanical load resistance.
-  **Shade Tolerant**
Twin array design allows continued performance even with shading by trees or debris.
-  **Protected Against All Environments**
Certified to withstand humidity, heat, rain, marine environments, wind, hailstorms, and packed snow.
-  **Warranty**
12-year product and 30-year linear power warranty.

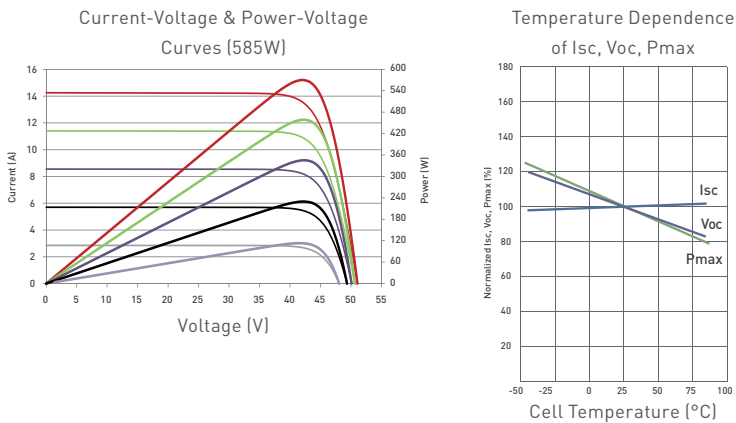
- ISO9001:2015 Quality Standards
- ISO14001:2015 Environmental Standards
- IEC61215, IEC61730 certified products
- ISO45001:2018 Occupational Health & Safety Standards
- UL61730 certified products



ENGINEERING DRAWINGS



ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



MECHANICAL CHARACTERISTICS

No. of Half Cells	144 (2 x 72)
Dimensions	2278 x 1134 x 30mm (89.69 x 44.65 x 1.18in)
Weight	32kg (70.55lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	12 AWG, 1400mm (55.12in)
Fire Type	Type 29
Pressure Rating	5400Pa (Snow) & 2400Pa (Wind)

TEMPERATURE CHARACTERISTICS

Temperature Coefficients of Pmax	-0.29%/°C
Temperature Coefficients of Voc	-0.25%/°C
Temperature Coefficients of Isc	0.045%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C
Bifacial Factor	80±5%

MAXIMUM RATINGS

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A

PACKAGING CONFIGURATION

(Two pallets = One stack)
36pcs/pallets, 72pcs/stack, 720pcs/40 HQ Container

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

	Maximum Power (Pmax)	593Wp	599Wp	604Wp	609Wp	614Wp
5%	Module Efficiency (%)	22.97%	23.17%	23.37%	23.57%	23.78%
15%	Maximum Power (Pmax)	650Wp	656Wp	661Wp	667Wp	673Wp
	Module Efficiency (%)	25.15%	25.37%	25.60%	25.82%	26.05%
25%	Maximum Power (Pmax)	706Wp	713Wp	719Wp	725Wp	731Wp
	Module Efficiency (%)	27.34%	27.58%	27.82%	28.07%	28.31%

WARRANTY

12-year product and 30-year linear power warranty

1st year degradation not to exceed 1%, each subsequent year not to exceed 0.4%, minimum power at year 30 is 87.4% or greater.

ELECTRICAL CHARACTERISTICS

Module Type	JKM565N-72HL4-BDV		JKM570N-72HL4-BDV		JKM575N-72HL4-BDV		JKM580N-72HL4-BDV		JKM585N-72HL4-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp	580Wp	436Wp	585Wp	440Wp
Maximum Power Voltage (Vmp)	42.14V	39.52V	42.29V	39.65V	42.44V	39.78V	42.59V	39.87V	42.74V	40.03V
Maximum Power Current (Imp)	13.41A	10.75A	13.48A	10.81A	13.55A	10.87A	13.62A	10.94A	13.69A	10.99A
Open-circuit Voltage (Voc)	50.87V	48.32V	51.07V	48.51V	51.27V	48.70V	51.47V	48.89V	51.67V	49.08V
Short-circuit Current (Isc)	14.19A	11.46A	14.25A	11.50A	14.31A	11.55A	14.37A	11.60A	14.43A	11.65A
Module Efficiency STC (%)	21.87%		22.07%		22.26%		22.45%		22.65%	

*STC: ☀ Irradiance 1000W/m²
NOCT: ☀ Irradiance 800W/m²

🌡 Cell Temperature 25°C
🌡 Ambient Temperature 20°C

☁ AM = 1.5
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🌀 Wind Speed 1m/s

*Power measurement tolerance: ±3%

The company reserves the final right for explanation on any of the information presented hereby. JKM565-585N-72HL4-BDV-F2-US

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