



# THE MOST DEPENDABLE SOLAR PRODUCT

## EAGLE® G7B

615-640 WATT • N-TYPE BIFACIAL

Positive power tolerance of 0~+3%

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

### 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 aluminum frame for highest mechanical load resistance.



#### Shade Tolerant

Twin array design allows continued performance even with shading by trees or debris.



#### Enhanced Mechanical Strength

Tested and certified to withstand:  
5400 PA front side max static test load  
2400 PA rear side max static test load



#### 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

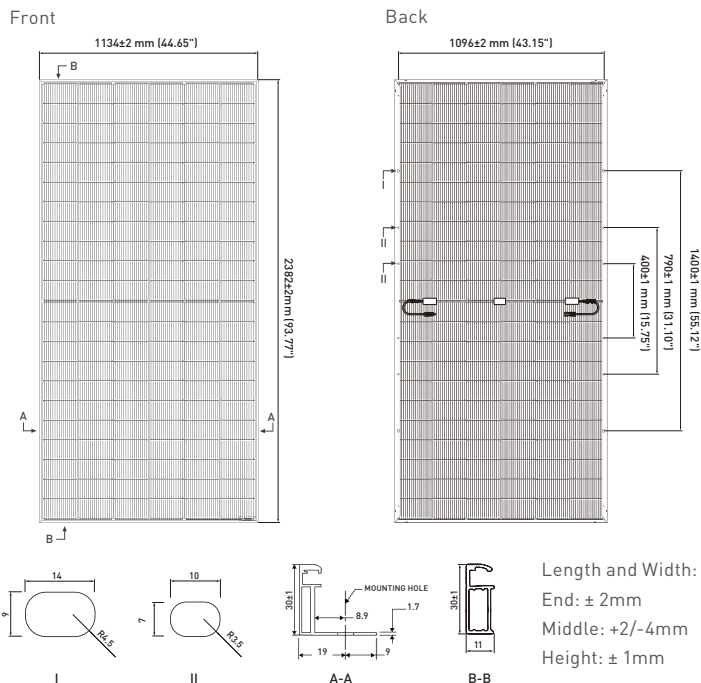


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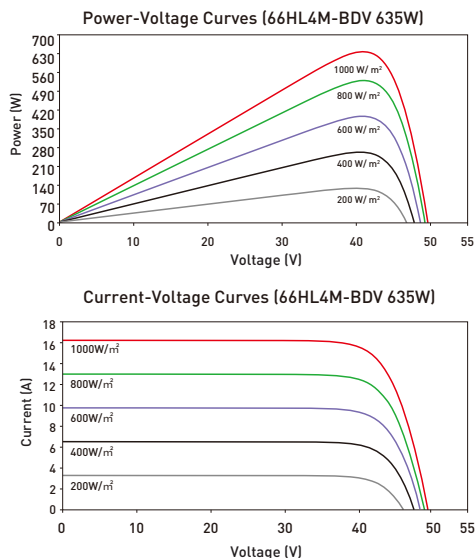
JKS-US-DS | LO (PUBLIC)

*Solar*  
**Jinko**

## ENGINEERING DRAWINGS



## ELECTRICAL PERFORMANCE



## ELECTRICAL CHARACTERISTICS

Module Type	JKM615N-66HL4M-BDV		JKM620N-66HL4M-BDV		JKM625N-66HL4M-BDV		JKM630N-66HL4M-BDV		JKM635N-66HL4M-BDV		JKM640N-66HL4M-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P <sub>max</sub> )	615Wp	464Wp	620Wp	468Wp	625Wp	472Wp	630Wp	476Wp	635Wp	480Wp	640Wp	484Wp
Maximum Power Voltage (V <sub>mp</sub> )	40.60V	38.10V	40.74V	38.25V	40.88V	38.44V	41.02V	38.62V	41.16V	38.82V	41.30V	39.00V
Maximum Power Current (I <sub>mp</sub> )	15.15A	12.19A	15.22A	12.24A	15.29A	12.28A	15.36A	12.32A	15.43A	12.36A	15.50A	12.40A
Open-circuit Voltage (V <sub>oc</sub> )	48.88V	46.43V	49.08V	46.62V	49.28V	46.81V	49.48V	47.00V	49.68V	47.19V	49.88V	47.38V
Short-circuit Current (I <sub>sc</sub> )	16.02A	12.93A	16.08A	12.98A	16.14A	13.03A	16.20A	13.08A	16.26A	13.13A	16.32A	13.18A
Module Efficiency STC (%)	22.77%		22.95%		23.14%		23.32%		23.51%		23.69%	

\*STC: ☀ Irradiance 1000W/m<sup>2</sup>  
NOCT: ☀ Irradiance 800W/m<sup>2</sup>

🌡 Cell Temperature 25°C  
🌡 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. JKM615-640N-66HL4M-BDV-F1-US

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## MECHANICAL CHARACTERISTICS

No. of Half Cells	132 (2 x 66)
Dimensions	2382 x 1134 x 30mm (93.77 x 44.65 x 1.18in)
Weight	32.4kg (71.42lbs)
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 P <sub>max</sub>	-0.29%/°C
Temperature Coefficients of V <sub>oc</sub>	-0.25%/°C
Temperature Coefficients of I <sub>sc</sub>	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	35A

## PACKAGING CONFIGURATION

[Two pallets = One stack]  
36pcs/pallet, 14pallets/container, 504pcs/40 HQ Container

## WARRANTY

12-year product and 30-year linear power warranty

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