



THE MOST DEPENDABLE SOLAR PRODUCT

EAGLE® 72 G6T

555-575 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 with Jinko's in-house TOPCon technology offers better performance and improved reliability.



Multi Busbar Half Cell Technology

High efficiency half cut solar cells deliver high power in a small footprint.



Bifacial Power Gain

Bifacial cell architecture allows backside bonus and more lifetime power yield.



Light-Weight Design

Use of transparent backsheets allows for easy installation and lower BOS cost.



Thick and Tough

Fire Type 1 rated module engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability.



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

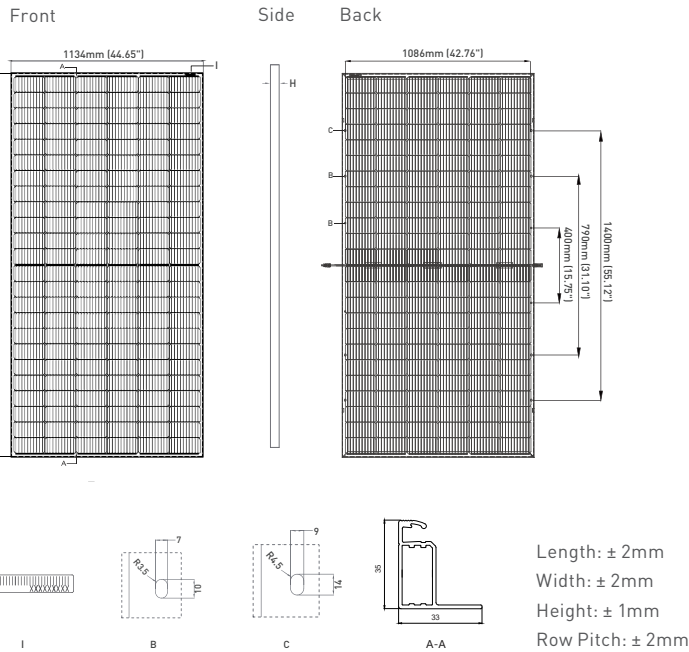
12-year product and 30-year linear power warranty.

- ISO9001:2015 Quality Standards
- ISO14001:2015 Environmental Standards
- IEC61215, IEC61730 certified products

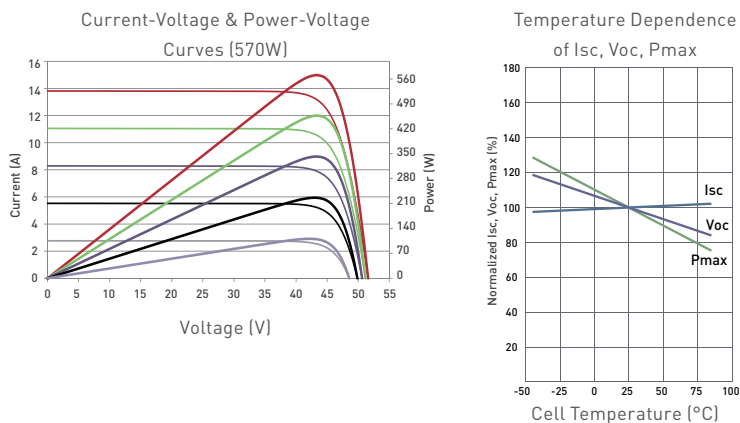
- ISO45001:2018 Occupational Health & Safety Standards
- UL61730 certified products



ENGINEERING DRAWINGS



ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



MECHANICAL CHARACTERISTICS

No. of Half Cells	144 (2 x 72)
Dimensions	2278 x 1134 x 35mm [89.69 x 44.65 x 1.38in]
Weight	27kg (59.52lbs)
Front Glass	3.2mm, Anti-Reflection Coating High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	12 AWG, 1400mm (55.12in)
Fire Type	Type 1
Pressure Rating	5400Pa (Snow) & 2400Pa (Wind)

TEMPERATURE CHARACTERISTICS

Temperature Coefficients of P_{max}	-0.29%/°C
Temperature Coefficients of V_{oc}	-0.25%/°C
Temperature Coefficients of I_{sc}	0.045%/°C
Nominal Operating Cell Temperature (NOCT)	45 \pm 2°C
Bifacial Factor	80 \pm 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)
31pcs/pallets, 62pcs/stack, 620pcs/40 HQ Container

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum Power (P_{max})	583Wp	588Wp	593Wp	599Wp	604Wp
	Module Efficiency (%)	22.56%	22.77%	22.97%	23.17%	23.38%
15%	Maximum Power (P_{max})	638Wp	644Wp	650Wp	656Wp	661Wp
	Module Efficiency (%)	24.71%	24.93%	25.15%	25.37%	25.59%
25%	Maximum Power (P_{max})	694Wp	700Wp	706Wp	713Wp	719Wp
	Module Efficiency (%)	26.86%	27.10%	27.34%	27.58%	27.83%

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	JKM555N-72HL4-TV		JKM560N-72HL4-TV		JKM565N-72HL4-TV		JKM570N-72HL4-TV		JKM575N-72HL4-TV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P_{max})	555Wp	418Wp	560Wp	422Wp	565Wp	426Wp	570Wp	430Wp	575Wp	433Wp
Maximum Power Voltage (V_{mp})	43.36V	40.49V	43.54V	40.66V	43.72V	40.82V	43.90V	40.99V	44.08V	41.15V
Maximum Power Current (I_{mp})	12.81A	10.33A	12.87A	10.38A	12.93A	10.43A	12.99A	10.48A	13.05A	10.53A
Open-circuit Voltage (V_{oc})	51.90V	49.30V	52.03V	49.42V	52.16V	49.55V	52.29V	49.67V	52.42V	49.79V
Short-circuit Current (I_{sc})	13.48A	10.88A	13.54A	10.93A	13.60A	10.98A	13.66A	11.03A	13.72A	11.07A
Module Efficiency STC (%)	21.48%		21.68%		21.87%		22.07%		22.26%	

*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: $\pm 3\%$

The company reserves the final right for explanation on any of the information presented hereby. JKM555-575N-72HL4-TV-F3-US

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Jinko Solar