

Jinko Solar JKM605/JKM610/JKM615/JKM620/JKM625/JKM630N-66HL4M-BDV-F6

A dual-glass bifacial module that harvests the light bouncing back off the ground as well, so the same footprint earns you more energy.

Models Covered: JKM605N-66HL4M-BDV-F6, JKM610N-66HL4M-BDV-F6, JKM615N-66HL4M-BDV-F6, JKM620N-66HL4M-BDV-F6, JKM625N-66HL4M-BDV-F6, JKM630N-66HL4M-BDV-F6

Manufacturer: Jinko Solar Co., Ltd.

Application: A large-format dual-glass module on N-type TOPCon cells, built for commercial rooftops, carports and ground-mounted arrays where light also reaches under the panel. The glazed back face turns that reflected light into extra output — roughly a tenth more on a bright surface — without adding a single row. Two panes of glass and an anodised frame take heavy snow and storm uplift, and Jinko covers the product for 12 years and the output for 30.

Technical Specifications

Parameter	JKM605N-66HL4M-BDV-F6	JKM610N-66HL4M-BDV-F6	JKM615N-66HL4M-BDV-F6	JKM620N-66HL4M-BDV-F6	JKM625N-66HL4M-BDV-F6	JKM630N-66HL4M-BDV-F6
PV String Input Data						
Maximum Power (Pmax)	605W	610W	615W	620W	625W	630W
Module Efficiency	22.40%	22.58%	22.77%	22.95%	23.14%	23.32%
Bifaciality	qVoc: 98±5%, qplsc: 80±5%, Pmax: 80±5%					
Cell Technology	N-type Mono-crystalline					
Power Output Tolerance	0~+3%					
Electrical / AC Output Data						
Current at Maximum Power (Imp)	15.01 A	15.08 A	15.15 A	15.22 A	15.29 A	15.36 A
Maximum System Voltage	1500 VDC (IEC)					
Open Circuit Voltage (Voc)	48.48 V	48.68 V	48.88 V	49.08 V	49.28 V	49.48 V
Short Circuit Current (Isc)	15.90 A	15.96 A	16.02 A	16.08 A	16.14 A	16.20 A
Voltage at Maximum Power (Vmpp)	40.31 V	40.46 V	40.60 V	40.74 V	40.88 V	41.02 V
Protection Features						
Maximum Series Fuse Rating	35 A					
Junction Box	IP68 Rated					
Fire Rating	Class C					
Protection Class	Class II					
Mechanical Data						
Back Glass	2.0 mm, Heat Strengthened Glass					

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Connector Type	JK03M/MC4/Others*					
Dimensions (W×H×D)	2382×1134×30 mm					
Frame Material	Anodized Aluminium Alloy					
Front Glass	2.0 mm, Anti-reflection Coating					
Number of Cells	132 (66×2)					
Weight	32.4 kg					
Packing Detail	36 pcs/pallets, 72 pcs/stack,					
Pallet Dimensions	2396X1110×1251 mm					
Operating Conditions						
Operating Temperature	-40 °C +70 °C					

Note: Specifications are based on the official Jinko Solar JKM605/JKM610/JKM615/JKM620/JKM625/JKM630N-66HL4M-BDV-F6 datasheet. Values may be subject to change; always verify against the latest manufacturer documentation before system design and procurement.

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Key Features & Technical Highlights

- **Generates from both faces:** Light reflected off the roof or ground reaches the glazed back and adds output, with the rear side responding at about 80% of the front.
- **Glass instead of a backsheet:** Two 2 mm panes seal the cells, so damp, sand and UV have no soft layer to attack.
- **Certified for hard weather:** Tested to 5400 Pa of load on the front and 2400 Pa on the rear, with salt-mist, ammonia, sand and anti-PID certification.
- **Keeps its power in the heat:** Output slips just 0.29% per degree above 25 °C, and the module is rated to run from -40 °C to +70 °C.

Frequently Asked Questions

- ▶ How much extra does the bifacial back face really give me?
- ▶ What warranty comes with it?
- ▶ What size and weight should I plan the mounting around?

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Jinko Solar Co., Ltd.**. For the latest specifications, firmware updates, and official documentation, visit the manufacturer's website.

- **Manufacturer Website:** www.jinkosolar.com
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Disclaimer: All specifications and technical data presented on this page are based on the official Jinko Solar JKM605/JKM610/JKM615/JKM620/JKM625/JKM630N-66HL4M-BDV-F6 datasheet published by Jinko Solar Co., Ltd. Specifications are subject to change without notice. Always verify against the latest manufacturer documentation at jinkosolar.com before system design, procurement, or installation. Compliance with local regulations, grid codes (DEWA, ADDC, SEWA) and utility requirements in UAE is the responsibility of the system designer/installer.

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