

Jinko Solar JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-F2

A dual-glass bifacial panel that generates from its back face too, so bright ground beneath the array is turned into extra daily output.

Models Covered: JKM650N-66QL6-BDV-F2, JKM655N-66QL6-BDV-F2, JKM660N-66QL6-BDV-F2, JKM665N-66QL6-BDV-F2, JKM670N-66QL6-BDV-F2

Manufacturer: Jinko Solar Co., Ltd.

Application: Built on Jinko's N-type cell platform and sealed between two sheets of glass rather than a plastic backsheet, this bifacial module suits commercial rooftops, car park canopies and ground-mounted farms where light bounces back off the surface below. The rear face works at 85% of the front's rating, and the frame is certified to hold 5400 Pa of downward load and 2400 Pa of uplift. Twelve years of product cover and thirty years of performance cover come with every panel.

Technical Specifications

Parameter	JKM650N-66QL6-BDV-F2	JKM655N-66QL6-BDV-F2	JKM660N-66QL6-BDV-F2	JKM665N-66QL6-BDV-F2	JKM670N-66QL6-BDV-F2
PV String Input Data					
Maximum Power (Pmax)	650W	655W	660W	665W	670W
Module Efficiency	24.06%	24.25%	24.43%	24.62%	24.80 Electrical Performance%
Bifaciality	ϕVoc: 98±5 %, ϕIsc: 85±5 %, ϕPmax: 85±5 %				
Cell Technology	N- type Mono-crystalline				
Power Output Tolerance	0 ~ +3 %				
Temperature Coefficient of Isc	0.046 %/°C				
Temperature Coefficient of Pmax	-0.26 %/°C				
Temperature Coefficient of Voc	—	—	-0.24 %/°C	—	—
Electrical / AC Output Data					
Current at Maximum Power (Impp)	15.27 A	15.34 A	15.41 A	15.48 A	15.55 A
Maximum System Voltage	1500 VDC (IEC)				
Open Circuit Voltage (Voc)	50.26 V	50.44 V	50.62 V	50.80 V	50.98 V
Short Circuit Current (Isc)	15.98 A	16.04 A	16.10 A	16.16 A	16.22 A
Voltage at Maximum Power (Vmpp)	42.57 V	42.70 V	42.83 V	42.96 V	43.09 V
Protection Features					
Maximum Series Fuse Rating	35 A	—	—	—	4 A

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Junction Box	IP68 Rated				
Fire Rating	Class C				
Protection Class	Class II	—	—	—	—
Mechanical Data					
Back Glass	2.0 mm, Heat Strengthened Glass	2.0 mm, Heat Strengthened Glass	2.0 mm, Heat Strengthened Glass	2.0 mm, Heat Strengthened Glass	1134±2
Connector Type	JK03M / JK03M2 / Others*				
Dimensions (W×H×D)	2382×1134×30 mm				
Frame Material	Anodized Aluminium Alloy				
Front Glass	2.0 mm, Anti-reflection Coating	2.0 mm, Anti-reflection Coating	2.0 mm, Anti-reflection Coating	—	mm
Number of Cells	264 (66×4)				
Weight	32.5 kg				
Output Cable	4.0 mm2				
Packing Detail	36 pcs/pallet, 72 pcs/stack,				
Pallet Dimensions	2396×1110×1251mm				
Operating Conditions					
Operating Temperature	-40°C~+70°C*				

Note: Specifications are based on the official Jinko Solar JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-F2 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

- **Two faces, one panel:** The rear face is rated at 85% of the front, so it keeps earning wherever the ground under the array is bright.
- **Glass front and back:** Two millimetres of glass on each side replace the usual plastic backsheet, leaving moisture and abrasion nothing to attack.
- **Keeps its output when it is hot:** It gives up only 0.26% of its power per degree above 25 °C and is rated for service from -40 °C to +70 °C.
- **Ageing is tested, not assumed:** Qualified against PID, LID/LeTID and UV degradation, and separately against salt mist, ammonia and blown sand.

Frequently Asked Questions

- ▶ How much does the bifacial back face really add?
- ▶ 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 JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-F2 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.

Last Updated: 2026-08-20 | **Document Version:** 2.0 | **Data Source:** Jinko Solar Official Datasheet | **Published by:** Jinko Solar Panels (jinko-solar.ae)