

Jinko Solar JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-F3

A dual-glass bifacial panel that harvests light on both faces, so the same stretch of roof or ground returns more energy every year.

Models Covered: JKM650N-66QL6-BDV-F3, JKM655N-66QL6-BDV-F3, JKM660N-66QL6-BDV-F3, JKM665N-66QL6-BDV-F3, JKM670N-66QL6-BDV-F3

Manufacturer: Jinko Solar Co., Ltd.

Application: A large-format N-type bifacial module sealed between two sheets of glass, built for commercial rooftops, car ports and ground-mounted farms rather than small domestic strings. The rear face converts light bouncing off the surface below at up to 85% of the front's yield, so pale gravel or a white roof pushes real output past the front-side rating. Heat-strengthened glass, an anodised aluminium frame and a 5400 Pa front load rating carry it through wind, salt air and dust for thirty years.

Technical Specifications

Parameter	JKM650N-66QL6-BDV-F3	JKM655N-66QL6-BDV-F3	JKM660N-66QL6-BDV-F3	JKM665N-66QL6-BDV-F3	JKM670N-66QL6-BDV-F3
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)	17.04 A	17.10 A	17.21 A	17.32 A	17.42 A
Maximum System Voltage	1500 VDC (IEC)				
Open Circuit Voltage (Voc)	50.26 V	50.44 V	50.50 V	50.55 V	50.60 V
Short Circuit Current (Isc)	15.98 A	16.04 A	16.14 A	16.24 A	16.34 A
Voltage at Maximum Power (Vmpp)	42.57 V	42.70 V	42.78 V	42.85 V	42.92 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				
Pallet Dimensions	2396×1110×1251mm				
Operating Conditions					
Operating Temperature	-40℃~ +70 ℃*				

Note: Specifications are based on the official Jinko Solar JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-F3 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

- **Light from both faces:** The rear side adds up to 85% of the front's output wherever the surface below the module is bright.
- **Keeps its output in the heat:** Production slips only 0.26% for every degree above 25 °C, so hot afternoons cost you less energy.
- **Built for storms and grit:** Certified to 5400 Pa of front load and 2400 Pa from behind, and tested against salt mist, ammonia and blown sand.
- **Cells sealed between two glass sheets:** Twin 2 mm glass faces and an anodised aluminium frame shut out moisture and hold off PID, LID/LeTID and UV ageing.

Frequently Asked Questions

- ▶ How much extra energy does the rear side really give me?
- ▶ What warranty comes with it?
- ▶ What do I need to know before designing the mounting?

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-F3 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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