

Jinko Solar JKM645/JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-L-AntiDust-F1

A dual-glass bifacial panel that works on both faces and sheds dust on its own, so long rows keep earning through hot, dusty seasons.

Models Covered: JKM645N-66QL6-BDV-L-AntiDust-F1, JKM650N-66QL6-BDV-L-AntiDust-F1, JKM655N-66QL6-BDV-L-AntiDust-F1, JKM660N-66QL6-BDV-L-AntiDust-F1, JKM665N-66QL6-BDV-L-AntiDust-F1, JKM670N-66QL6-BDV-L-AntiDust-F1

Manufacturer: Jinko Solar Co., Ltd.

Application: An N-type bifacial module for large rooftops, commercial sheds and ground-mounted farms, where light bouncing off the roof or the ground is picked up by the back face and turned into extra kilowatt-hours. Glass on both sides and an anodised aluminium frame stand up to heavy snow, wind pull and salty or dusty air, while a self-cleaning surface and a sealed junction box keep output steady between service visits.

Technical Specifications

Parameter	JKM645N-66QL6-BDV-L-AntiDust-F1	JKM650N-66QL6-BDV-L-AntiDust-F1	JKM655N-66QL6-BDV-L-AntiDust-F1	JKM660N-66QL6-BDV-L-AntiDust-F1	JKM665N-66QL6-BDV-L-AntiDust-F1	JKM670N-66QL6-BDV-L-AntiDust-F1
PV String Input Data						
Maximum Power (Pmax)	645W	650W	655W	660W	665W	670W
Module Efficiency	23.88%	24.06%	24.25%	24.43%	24.62%	24.80%
Bifaciality	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	-0.24 %/°C	—	—
Electrical / AC Output Data						
Current at Maximum Power (Impp)	15.20 A	15.27 A	15.34 A	15.43 A	15.52 A	15.61 A
Maximum System Voltage	1500 VDC (IEC)					
Open Circuit Voltage (Voc)	50.08 V	50.26 V	50.44 V	50.50 V	50.55 V	50.60 V
Short Circuit Current (Isc)	15.92 A	15.98 A	16.04 A	16.14 A	16.24 A	16.34 A
Voltage at Maximum Power (Vmpp)	42.44 V	42.57 V	42.70 V	42.78 V	42.85 V	42.92 V

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Protection Features						
Maximum Series Fuse Rating	35 A	—	—	—	—	4 A
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	2.0 mm, Anti-reflection Coating	—	mm
Number of Cells	264 (66×4)					
Weight	32.5 kg					
Output Cable	4.0 mm2 (+): 500 mm , (-): 400 mm or Customized Length					
Packing Detail	36 pcs/pallet, 72 pcs/stack,					
Pallet Dimensions	2396×1110×1251mm					
Operating Conditions						
Operating Temperature	-40℃~ +70 °C*					

Note: Specifications are based on the official Jinko Solar JKM645/JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-L-AntiDust-F1 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 working faces:** The back face converts light reflected off the roof or ground, adding output the front alone would miss.
- **Dust slides off:** A reshaped frame and self-cleaning glass stop dust settling along the edges, so yield holds between washes.
- **Built for rough weather:** Glass on both sides and an anodised aluminium frame are certified for heavy snow at the front and strong wind pull at the rear.
- **Ages slowly:** The cell metallisation and encapsulation are made to resist PID, LID/LeTID and UV ageing, the losses that quietly shrink an old array.

Frequently Asked Questions

- ▶ How much extra energy does the back of the panel actually give?
- ▶ 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 JKM645/JKM650/JKM655/JKM660/JKM665/JKM670N-66QL6-BDV-L-AntiDust-F1 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)