

Jinko Solar JKM645/JKM650/JKM655/JKM660/JKM665N-66QL6-BDV-AntiGlare-F1

An anti-glare bifacial panel that harvests light on both faces — rear-side yield without throwing reflections at neighbours or flight paths.

Models Covered: JKM645N-66QL6-BDV-AntiGlare-F1, JKM650N-66QL6-BDV-AntiGlare-F1, JKM655N-66QL6-BDV-AntiGlare-F1, JKM660N-66QL6-BDV-AntiGlare-F1, JKM665N-66QL6-BDV-AntiGlare-F1

Manufacturer: Jinko Solar Co., Ltd.

Application: A dual-glass bifacial module built on Jinko's N-type TOPCon cell platform, made for rooftops, car parks and ground-mounted plants where reflected light is a nuisance rather than an asset. The rear face turns light bounced off the ground into extra output, worth up to about 85% of the front's rating, while the anti-glare front glass cuts glare intensity near airports and housing. Both faces sit behind 2 mm glass in an anodised aluminium frame certified to 5400 Pa of load and 2400 Pa of uplift.

Technical Specifications

Parameter	JKM645N-66QL6-BDV-AntiGlare-F1	JKM650N-66QL6-BDV-AntiGlare-F1	JKM655N-66QL6-BDV-AntiGlare-F1	JKM660N-66QL6-BDV-AntiGlare-F1	JKM665N-66QL6-BDV-AntiGlare-F1
PV String Input Data					
Maximum Power (Pmax)	645W	650W	655W	660W	665W
Module Efficiency	23.88%	24.06%	24.25%	24.43%	24.62 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)	15.26 A	15.27 A	15.34 A	15.43 A	15.52 A
Maximum System Voltage	1500 V DC (IEC)				
Open Circuit Voltage (Voc)	49.88 V	50.26 V	50.44 V	50.50 V	50.55 V
Short Circuit Current (Isc)	15.98 A	15.98 A	16.04 A	16.14 A	16.24 A
Voltage at Maximum Power (Vmpp)	42.27 V	42.57 V	42.70 V	42.78 V	42.85 V
Protection Features					

Parameter	JKM645N-66QL6-BDV-AntiGlare-F1	JKM650N-66QL6-BDV-AntiGlare-F1	JKM655N-66QL6-BDV-AntiGlare-F1	JKM660N-66QL6-BDV-AntiGlare-F1	JKM665N-66QL6-BDV-AntiGlare-F1
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-Glare Glass	2.0 mm, Anti-Glare Glass	2.0 mm, Anti-Glare Glass	—	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°C~ +70 °C*				

Note: Specifications are based on the official Jinko Solar JKM645/JKM650/JKM655/JKM660/JKM665N-66QL6-BDV-AntiGlare-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

- **Power from both faces:** The rear face converts light reflected off the roof or ground into extra output, rated at about 85% of the front's power.
- **Glare that stays on site:** Anti-glare front glass significantly reduces glare intensity, which is what makes this module usable beside airports and homes.
- **Glass front and back:** 2 mm glass on each face in an anodised aluminium frame, certified to 5400 Pa front load and 2400 Pa rear load, with an IP68 junction box.
- **Holds output as the roof heats up:** N-type cells with an optimised temperature coefficient lose less power as the module warms, and it is rated for service to +70 °C.

Frequently Asked Questions

- ▶ How much does the bifacial rear side actually add?
- ▶ What warranty comes with the panel?
- ▶ What size and weight should I design the mounting for?

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
- **Technical Support:** sales@jinko-solar.ae | +971 4 255 0887
- **Sales Inquiries:** sales@jinko-solar.ae | +971 4 255 0887

Disclaimer: All specifications and technical data presented on this page are based on the official Jinko Solar JKM645/JKM650/JKM655/JKM660/JKM665N-66QL6-BDV-AntiGlare-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.

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