

# Jinko Solar JKM450N-54HL4R-V 450Wp (BFR)

Product code: PV.jinko.bf.ntype.450



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Jinko Solar JKM450N-54HL4R-V 450 Wp (BFR) Photovoltaic Module

The Jinko Solar JKM450N-54HL4R-V photovoltaic module is a high-efficiency unit from the latest Tiger Neo N-Type series, designed to deliver maximum performance under all conditions. Thanks to advanced N-Type cell technology and an innovative half-cut design, this module is an excellent choice for both residential and commercial installations.

## Product variants

Index	Price
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## Product description

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Advantages

N-Type cell technology – provides higher efficiency and lower degradation over time.

Lower temperature coefficient – ensures better performance at high temperatures.

Resistance to PID, LID, and LeTID – minimizes power loss during long-term operation.

Multi-Busbar (SMBB) technology – improves current collection and enhances reliability.

Enhanced mechanical resistance – thanks to a robust frame and tempered glass construction.

Black Frame (BFR) – aesthetic finish, ideal for rooftop installations.

Technical Specifications

Maximum Power (Pmax): 450 Wp

Module Efficiency: 22.52%

Cell Type: N-Type monocrystalline, half-cell

Number of Cells: 108 (2x54)

Voltage at MPP (Vmp): 34.30 V

Current at MPP (Imp): 13.12 A

Open Circuit Voltage (Voc): 41.79 V

Short Circuit Current (Isc): 13.91 A

Temperature Coefficient of Power: -0.29 %/°C

Dimensions: 1762 × 1134 × 30 mm

Weight: 22 kg

Frame Type: black (Black Frame - BFR)

Connector: MC4-EVO2 or compatible

Cable Length: 1200 mm

Product Warranty: 15 years

Performance Warranty: 30 years (87.4% power output after 30 years)

Conclusion

The Jinko Solar JKM450N-54HL4R-V combines advanced technology with durability and aesthetics. With excellent performance, long service life, and favorable thermal characteristics, this module is a reliable solution for demanding photovoltaic installations. It is a perfect choice for customers seeking top quality and long-term energy savings.