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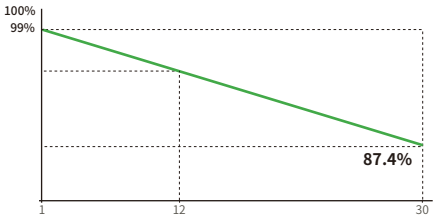
TIGER Neo

66HL5-BDV
700-720 Watt
BIFACIAL MODULE

N-type

N-type Technology
N-type modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer lower LID/LeTID degradation and better low light performance.

HOT 2.0 Technology
N-type modules with JinkoSolar's HOT 2.0 technology offer better reliability and efficiency.



12 Year — Product Warranty
30 Year — Linear Power Warranty
1% — First-year Degradation
0.4% — Annual Degradation Over 30 Years

Dual-sided Power Generation
Dual-sided power generation gain increases with backside exposure to light, significantly reducing LCOE.

Mechanical Load Enhanced
Certified to withstand:
5400 Pa front side max static test load
2400 Pa rear side max static test load

- IEC61215 (2016) / IEC61730 (2016)
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems

SMBB Technology
Better light trapping and current collection to improve module power output and reliability.

Anti-PID Guarantee
Minimizes the chance of degradation caused by PID phenomena through optimization of cell production technology and material control.

CLEAN ENERGY COUNCIL MEMBER
POSITIVE QUALITY™ Continuous Quality Assurance

JKM700-720N-66HL5-BDV-F2-EN

66HL5-BDV 700-720 Watt

Mechanical Characteristics

Cell Type	N-Type Mono-crystalline
No. of Cells	132 (66×2)
Dimensions	2384×1303×33 mm
Weight	37.5 kg
Front Glass	2.0 mm, Anti-Reflection Coating
Back Glass	2.0 mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class C
Output Cables	4.0 mm^2 (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

Pallet Dimensions	1325×1121×2496 mm
Packing detail	33pcs/pallets, 594pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	700	705	710	715	720
Maximum Power Voltage - Vmp [V]	40.42	40.53	40.65	40.77	40.89
Maximum Power Current - Imp [A]	17.32	17.40	17.47	17.54	17.61
Open-circuit Voltage - Voc [V]	48.40	48.56	48.73	48.88	49.04
Short-circuit Current - Isc [A]	18.40	18.46	18.53	18.60	18.67
Module Efficiency STC [%]	22.54	22.70	22.86	23.02	23.18
Power Tolerance	0~ +3 %				
Temperature Coefficients of Pmax	-0.29 %/°C				
Temperature Coefficients of Voc	-0.25 %/°C				
Temperature Coefficients of Isc	0.045 %/°C				

STC: Irradiance 1000W/m^2, Cell Temperature 25°C, AM = 1.5

Specifications (NOCT)

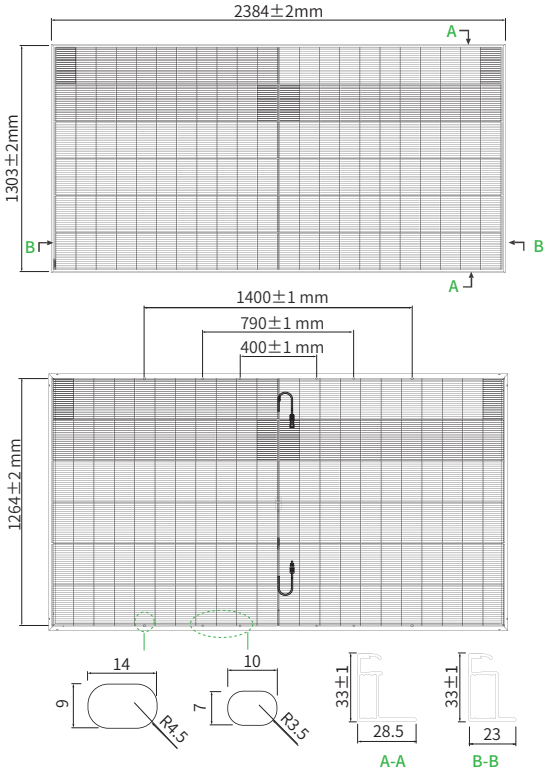
Maximum Power - Pmax [Wp]	528	531	535	539	543
Maximum Power Voltage - Vmp [V]	37.68	37.84	37.97	38.08	38.21
Maximum Power Current - Imp [A]	14.00	14.04	14.09	14.15	14.20
Open-circuit Voltage - Voc [V]	45.97	46.13	46.29	46.43	46.58
Short-circuit Current - Isc [A]	14.85	14.90	14.96	15.01	15.07

NOCT: Irradiance 800W/m^2, Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

Application Conditions

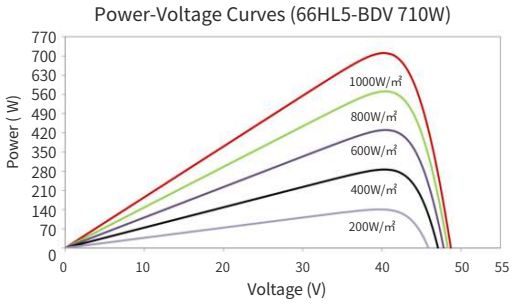
Operating Temperature [°C]	-40 °C ~ +85 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Nominal Operating Cell Temperature - NOCT	45±2 °C
Refer. Bifacial Factor	80±5 %

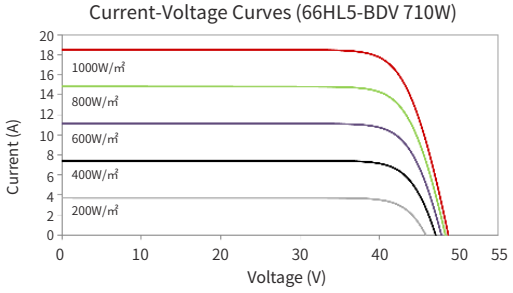
Engineering Drawings



Note: For specific dimensions and tolerance ranges, please refer to the corresponding module drawings.

Electrical Performance





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