Yopal, 10 de abril de 2026

SCOB-UTSOLVIV-COP-647-2025-013

Señores
UT SOLVIVIENDAS 2025
PEDRO YEZID BUITRAGO PULIDO
Representante Legal
Email: utsolviviendas2025@gmail.com
Bogotá D.C

REFERENCIA: CONTRATO OBRA COP – 647 – 2025 "CONTRATAR LAS INSTALACIONES Y LA PUESTA EN MARCHA, A PRECIOS UNITARIOS Y MONTO AGOTABLE, DE SISTEMAS DE ENERGÍA ELÉCTRICA BASADOS EN SOLUCIONES DE PANELES SOLARES FOTOVOLTAICOS, EN LA LOCALIDAD DE SUMAPAZ 2689."

ASUNTO: Aprobación panel solar referencia JINKO 66HL5-BDV-720W BIFACIAL, Contrato de Obra No. COP-647-2025 – Sumapaz.

Cordial Saludo,

En cumplimiento de las obligaciones adquiridas en el marco del contrato de interventoría al Contrato de Obra No. COP-647-2025**,** suscrito entre UT SOLVIVIENDAS 2025 y la ALCALDÍA LOCAL DE SUMAPAZ**,** y en referencia al asunto nos permitimos manifestar lo siguiente:

1. Mediante correo electrónico con fecha 8 de abril de 2026, la interventoría recibió solicitud de cambio del panel solar RUNERGY HY-DH132N10 aprobado previamente, por el panel solar referencia JINKO 66HL5-BDV-720W BIFACIAL.

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2. Revisada la información se verifica que el panel en mención cumple con las especificaciones técnicas enunciadas en el documento ANEXO TECNICO el cual hace parte integral del contrato de obra COP-647-2025.

3. *Las fechas de garantía de los insumos y/o elementos deben ser de mínimo un (1) año al momento de la entrega al Fondo de Desarrollo Rural de Sumapaz – FDRS (sin perjuicio de las garantías que deben exceder el año de cobertura).*

Por lo anterior, nos permitimos emitir CONCEPTO DE APROBACIÓN para la instalación del panel solar JINKO 66HL5-BDV-720W BIFACIAL, y en tal sentido dar continuidad al proceso de compra.

Sin otro particular.

Atentamente,

DIEGO GERARDO ROJAS GÓMEZ
Representante Legal
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icontec ISO 9001 SC-CER917179 · icontec ISO 45001 SC-CER917180 · icontec ISO 14001 SC-CER917181 · icontec Norsok S WA-006 NK-1834-1 · IQNET CERTIFIED MANAGEMENT SYSTEM

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Revisó: Juliana Cáceres García
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Anexo: NA

C.C.

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SECRETARÍA DE GOBIERNO, Meyer Silva, Supervisor del Contrato, Email: meyer.silva@gobiernobogotá.gov.co, meyer.silva.precentro@gmail.com

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www.jinkosolar.com

Tiger Neo

66HL5-BDV

700-720 Watt

BIFACIAL MODULE

N-type

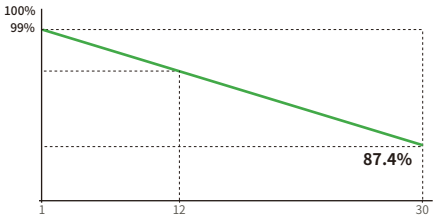


N-type Technology

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

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.

- 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

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)

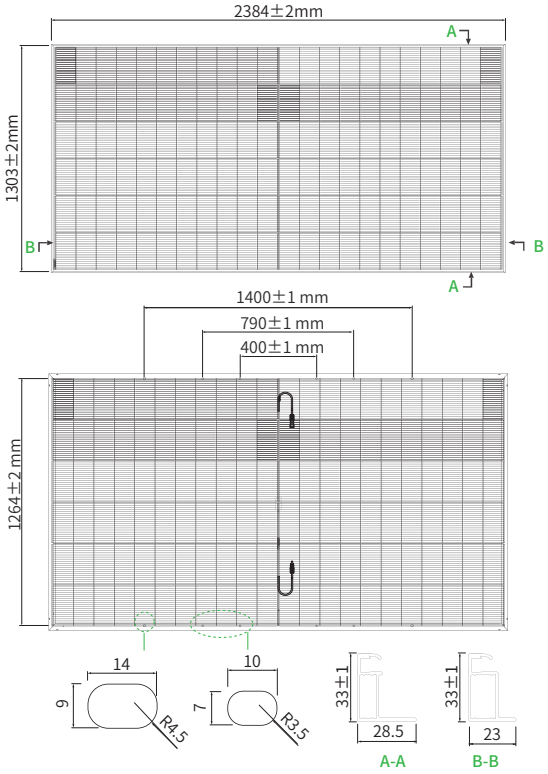
Maximum Power - Pmax [Wp]	528	531	535	539	543
Maximum Power Voltage - Vmp [V]	37.68	37.84	37.97	38.08	38.21
Maximum Power Current - Imp [A]	14.00	14.04	14.09	14.15	14.20
Open-circuit Voltage - Voc [V]	45.97	46.13	46.29	46.43	46.58
Short-circuit Current - Isc [A]	14.85	14.90	14.96	15.01	15.07

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

Application Conditions

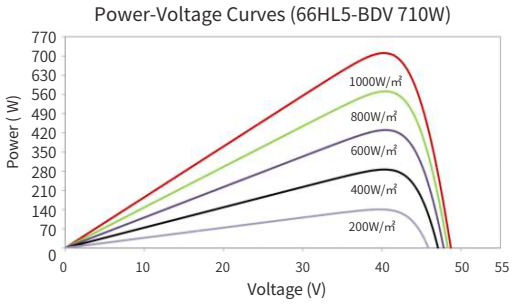
Operating Temperature [°C]	-40 °C ~ +85 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Nominal Operating Cell Temperature - NOCT	45±2 °C
Refer. Bifacial Factor	80±5 %

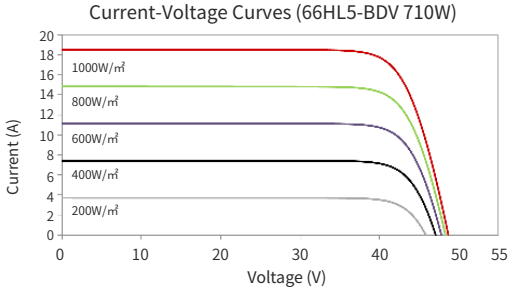
Engineering Drawings



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

Electrical Performance





JinKO Solar

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

NOTE: Please read the safety and installation manual before using the product.
We reserve the right of final interpretation.
The specifications in this datasheet are subject to change without notice.