

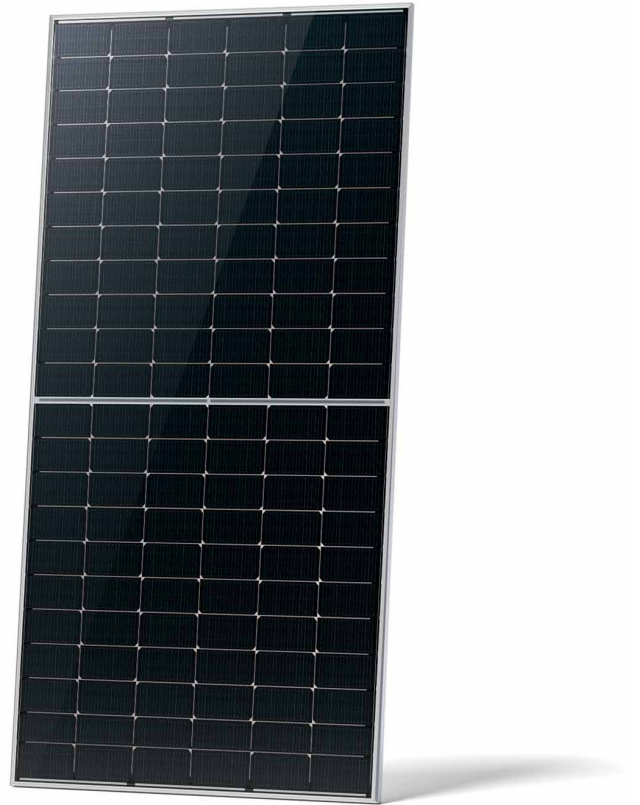
# TIGER Neo

## 66HL4M-BDX

625-650 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



### High Hail Resistance

Tested and certified to withstand hail strikes of up to 55mm.



### Mechanical Load Enhanced

Certified to withstand:

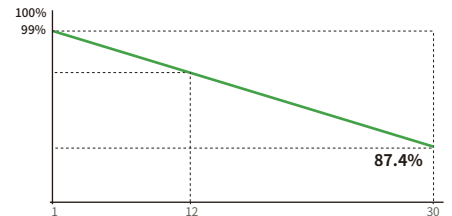
6000 Pa front side max static test load

4000 Pa rear side max static test load



### Fire Rating A

Obtain fire rating class A test report.



<b>12</b> Year Product Warranty	<b>30</b> Year Linear Power Warranty	<b>1%</b> First-year Degradation	<b>0.40%</b> Annual Degradation Over 30 Years
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- IEC61215:2021 / IEC61730:2023
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



JKM625-650N-66HL4M-BDX-Z1-OC

# 66HL4M-BDX 625-650 Watt

## Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	132 (66×2)
Dimensions	2382×1134×30 mm
Weight	38.8 kg
Front Glass	2.5 mm, Anti-reflection Coating
Back Glass	2.5 mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class A
Connector Type	JK03M,JK03M2(JinKO)/MC4-EVO2(Staubli)
Output Cables (Including Connector)	4.0 mm <sup>2</sup> (+): 400 mm , (-): 200 mm or Customized Length

## Packaging Configuration

Pallet Dimensions	2442×1140×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 576 pcs/ 40'HQ Container

## Specifications (STC)

Maximum Power - Pmax [Wp]	625	630	635	640	645	650
Maximum Power Voltage - Vmp [V]	40.88	41.02	41.16	41.30	41.44	41.58
Maximum Power Current - Imp [A]	15.29	15.36	15.43	15.50	15.57	15.64
Open-circuit Voltage - Voc [V]	49.28	49.48	49.68	49.88	50.08	50.28
Short-circuit Current - Isc [A]	16.14	16.20	16.26	16.32	16.38	16.44
Module Efficiency STC [%]	23.14	23.32	23.51	23.69	23.88	24.06
Power Measurement Tolerance	± 3%					
Power Sorting	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<sup>2</sup>, Cell Temperature 25°C, AM=1.5

## Specifications (BNPI)

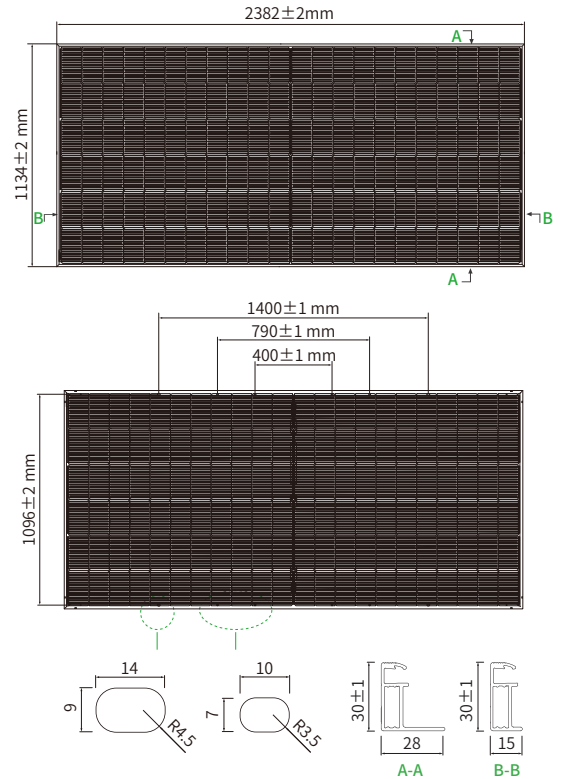
Maximum Power - Pmax [Wp]	690	696	701	707	712	718
Maximum Power Voltage - Vmp [V]	40.88	41.04	41.17	41.33	41.46	41.61
Maximum Power Current - Imp [A]	16.88	16.95	17.03	17.10	17.17	17.24
Open-circuit Voltage - Voc [V]	49.26	49.46	49.66	49.86	50.06	50.26
Short-circuit Current - Isc [A]	17.83	17.90	17.96	18.03	18.09	18.16

BNPI: Irradiance: front 1000W/m<sup>2</sup>, rear 135W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

## Application Conditions

Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficient	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

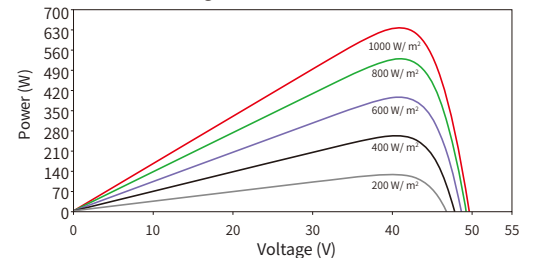
## Engineering Drawings



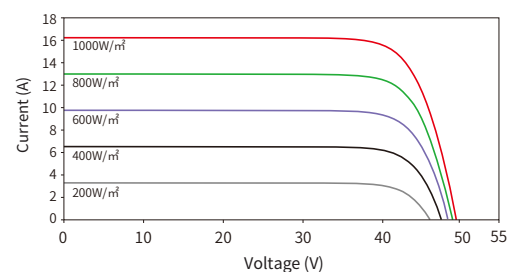
Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

## Electrical Performance

Power-Voltage Curves (66HL4M-BDX 635W)



Current-Voltage Curves (66HL4M-BDX 635W)



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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.

Made in China

JKM625-650N-66HL4M-BDX-Z1-OC

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