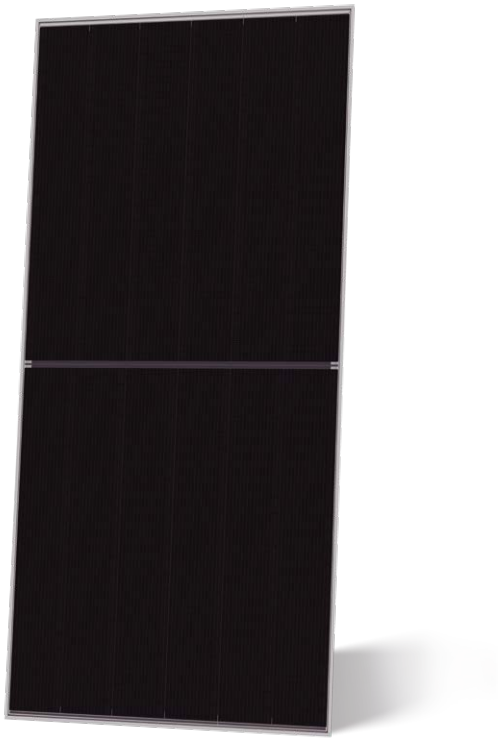
TIGER Neo III Antiglare

JinKO Solar

66QL6-BDV



645-665Watt

85±5% Bifaciality

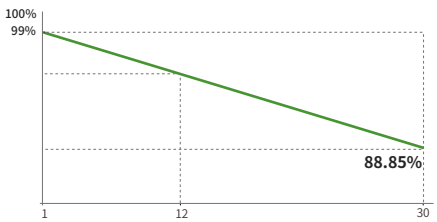
BIFACIAL MODULE

Higher Power on Front Side

Leading power class based on the enhanced N-type TOPCon platform, through cutting-edge technology and an optimized layout that captures more sunlight.

Antiglare feature

Significant reduction on glare intensity and ideal for common glare scenarios such as airports and residential areas, etc.



12Year Product Warranty | **30**Year Linear Power Warranty | **1**% First-year Degradation | **0.35**% Annual Degradation Over 30 Years

Optimized Heat Resistance

Optimized temperature coefficient via advanced graphical patterning, busbar and multi-cells technology.

Proven Low Light Performance

Enhanced cell structure ensures superior module performance under low-light conditions.

- IEC61215:2021 / IEC61730:2023
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems

Industry Leading Warranty

Advanced metallization and iterated module encapsulation deliver superior resistance to PID, LID / LeTID, and UV degradation.

Mechanical Load Enhanced

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

CLEAN ENERGY COUNCIL MEMBER

POSITIVE QUALITY™ Continuous Quality Assurance

66QL6-BDV 645-665 Watt

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of Cells	264 (66×4)
Dimensions	2382×1134×30 mm
Weight	32.5 kg
Front Glass	2.0 mm, Anti-Glare Glass
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
Connector Type	JK03M / JK03M2 / Others*
Output Cables (Including Connector)	⩾4.0 mm^2 (+): 500 mm , (-): 400 mm or Customized Length

*MC4-EVO2 available upon request and subject to availability

Packaging Configuration

Pallet Dimensions	2396×1110×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallet, 72 pcs/stack, 720 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]*	645	650	655	660	665
Maximum Power Voltage - Vmp [V]	42.27	42.57	42.70	42.78	42.85
Maximum Power Current - Imp [A]	15.26	15.27	15.34	15.43	15.52
Open-circuit Voltage - Voc [V]	49.88	50.26	50.44	50.50	50.55
Short-circuit Current - Isc [A]	15.98	15.98	16.04	16.14	16.24
Module Efficiency STC [%]	23.88	24.06	24.25	24.43	24.62
Bifacial Factor	85 ± 5%				
Power Sorting	0 ~ +3 %				
Temperature Coefficient of Pmax	-0.26 %/°C				
Temperature Coefficient of Voc	-0.24 %/°C				
Temperature Coefficient of Isc	0.046 %/°C				

STC: Irradiance 1000W/m^2, Cell Temperature 25°C, AM=1.5. *Power measurement tolerance: ±3%

Specifications (BNPI)

Maximum Power - Pmax [Wp]*	718	724	729	735	741
Maximum Power Voltage - Vmp [V]	42.15	42.52	42.69	42.70	42.75
Maximum Power Current - Imp [A]	17.04	17.04	17.10	17.21	17.32
Open-circuit Voltage - Voc [V]	50.00	50.38	50.56	50.70	50.75
Short-circuit Current - Isc [A]	17.79	17.80	17.87	17.98	18.09

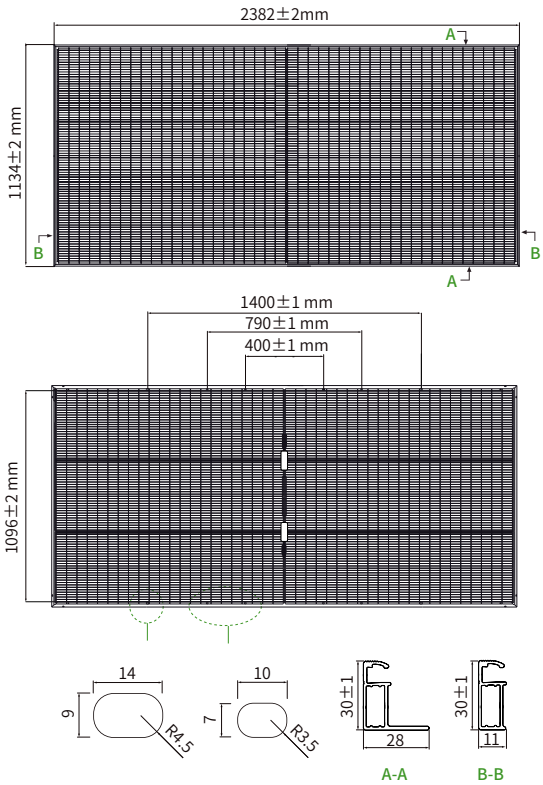
BNPI: Irradiance: Front 1000W/m^2, Rear 135W/m^2, Cell Temperature 25°C, AM=1.5.
*Power measurement tolerance: ±3%

Application Conditions

Level T_{98} ⩽ 70 °C	-40 °C ~ +70 °C*
Maximum System Voltage	1500 V DC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficents	φVoc: 98±5 %, φIsc: 85±5 %, φPmax: 85±5 %

*Short-term up to 85°C; higher operation requires IEC TS 63126 testing

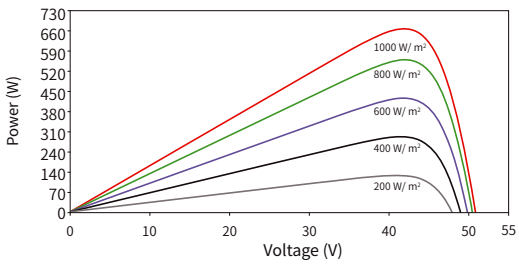
Engineering Drawings



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

Electrical Performance

Power-Voltage Curves (66QL6-BDV 660W)



Current-Voltage Curves (66QL6-BDV 660W)

