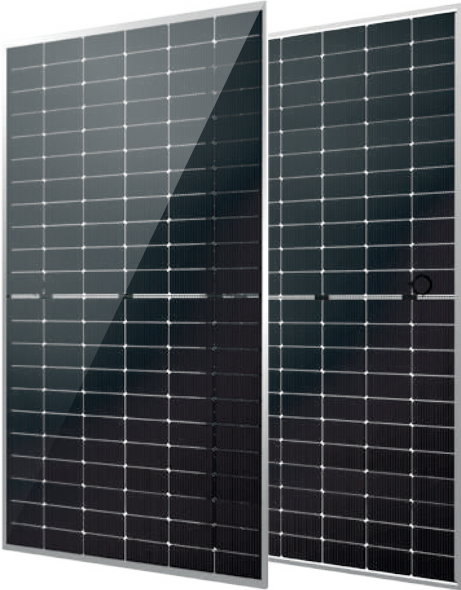




HW-8N66HC-BF

695W~720W

MONOCRYSTALLINE MODULE



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

- High module output up to 720W with module efficiency up to 23.18% by using the most advanced , N-Type TOPCon cell technology.
- Transparent double glass with excellent fire rating, with better temperature coefficient.
- Lower annual power degradation and higher energy yield during the module's lifetime.
- Superior performance under high temperature and low light conditions.
- High load-bearing capacity which can withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- Excellent reliability and durability against extreme environmental conditions (high resistance to salt mist, ammonia, sand, acid and alkali, etc).
- More power gain up to 30% by utilizing the ambient light reflected from surrounding surface.

CERTIFICATIONS

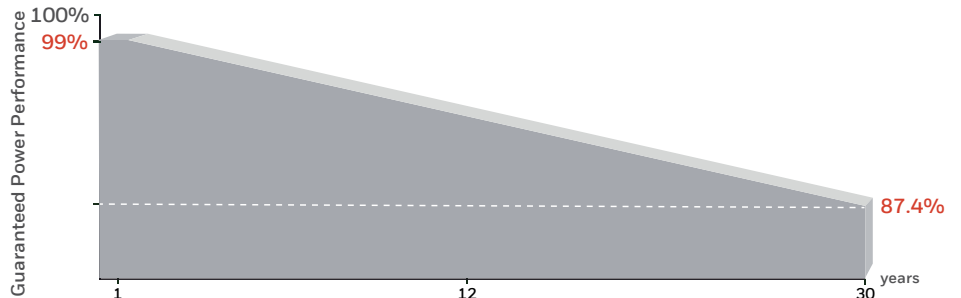
- IEC 61215 (2021), IEC 61730(2023), IEC 61701
- IEC 61215-2 (bifaciality): 2021
- ISO 9001:2015: Quality Management System
- ISO 14001:2015: Environment Management System
- ISO 45001:2018: Occupational health and safety management system



SPECIAL WARRANTY

- 20 years product warranty
- 30 years linear power output warranty
- < 1 % First year power degradation
- < 0.4 % Year 2-30 power degradation

Passionately
committed to
delivering innovative
energy solutions



ELECTRICAL CHARACTERISTICS AT STC

Maximum Power (P _{max})	695W	700W	705W	710W	715W	720W
Open Circuit Voltage (V _{oc})	48.43 V	48.60 V	48.77 V	48.94 V	49.11 V	49.24 V
Short Circuit Current (I _{sc})	18.30 A	18.35 A	18.40 A	18.45 A	18.50 A	18.55 A
Maximum Power Voltage (V _{mp})	40.18 V	40.35 V	40.52 V	40.69 V	40.86 V	41.03 V
Maximum Power Current (I _{mp})	17.30 A	17.35 A	17.40 A	17.45 A	17.50 A	17.55 A
Module Efficiency (%)	22.37 %	22.53 %	22.70 %	22.86 %	23.02 %	23.18 %
Operating Temperature	-40°C to +85°C					
Maximum System Voltage	1500V DC					
Fire Safety Class	Class A					
Maximum Series Fuse	30 A					

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5; Tolerance of P_{max}: ±3%; Measurement Tolerance: ±3%

ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

Module Type	695M	700M	705M	710M	715M	720M
Maximum Power (Wp)	750.6W	756W	761.4W	766.8W	772.2W	777.6W
Open Circuit Voltage (V _{oc})	48.43V	48.6V	48.77V	48.94V	49.11V	49.28V
Short Circuit Current (I _{sc})	19.76A	19.82V	19.87A	19.93V	19.98A	20.03A
Maximum Power Voltage (V _m)	40.18V	40.35V	40.52V	40.69V	40.86V	41.03V
Maximum Power Current (I _m)	18.68A	18.74A	18.79A	18.85A	18.90A	18.95A

*Bifacial=P_{max,Rear}/Rated P_{max, Front}

MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline Silicon N-type, Bifacial (210x105mm)
Number of cells	132 (6x11x2)
Module dimensions	2384x1303x33/35mm
Weight	37.7/38kg
Front / Back cover	low-iron tempered glass 2.0 / 2.0 mm
Frame	Aluminum hollow-chamber frame, anodized aluminum alloy silver
Junction box	IP68, 3 diodes
Cable	4mm ² , 300mm in length, length can be customized
Connector	MC4 compatible

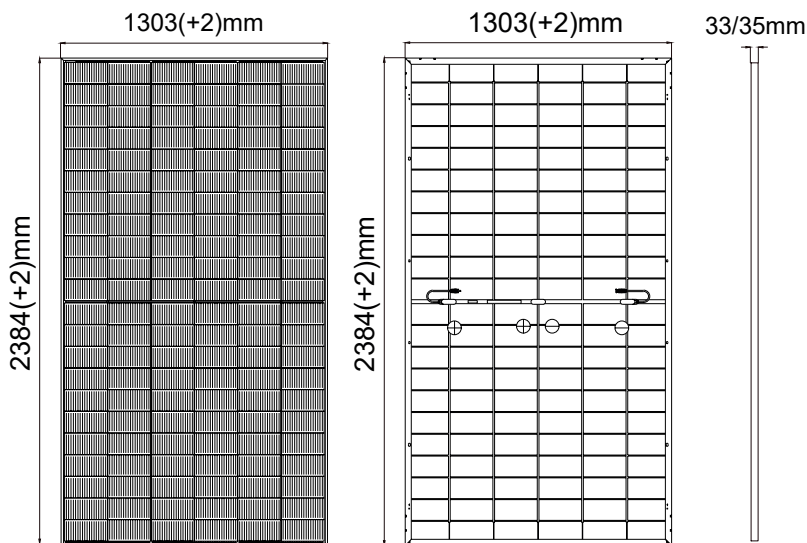
TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of P _{max}	-0.34%/°C
Temperature Coefficients of V _{OC}	-0.25%/°C
Temperature Coefficients of I _{SC}	+0.04%/°C

PACKAGING

Standard packaging	31 pcs/pallet
Module quantity per 40' container (33mm)	594 pcs (HQ)
Module quantity per 40' container (35mm)	558 pcs (HQ)

ENGINEERING DRAWINGS



CURRENT-VOLTAGE CURVES

