

BHI-72HC

Silver Series | N-Type Monofacial

560W MAXIMUM POWER OUTPUT

0~+5W POSITIVE POWER TOLERANCE

21.67% MAXIMUM EFFICIENCY

560W
PRODUCT RANGE

 **MBB HALF-CUT SOLAR CELL**
182x91mm, 144 cells

 **HIGHER MODULE CONVERSION EFFICIENCY**
Higher module output up to 560W with module efficiency up to 21.67%

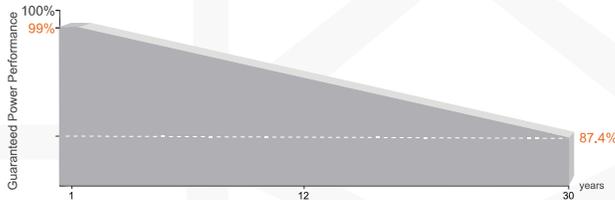
 **LOW-LIGHT PERFORMANCE**
Advanced glass and surface texturing allow for excellent performance in low-light environments

 **LIGHT-WEIGHT DESIGN**
Light-weight design using transparent backsheet for easy installation and low BOS cost

 **CERTIFICATIONS**
Quality Management System and Product Certification
IEC61215(2021), IEC61730(2023), IEC61701
IEC61215-2(bifaciality): 2021
ISO9001:2015: Quality Management System
ISO14001:2015: Environment Management System
ISO45001:2018: Occupational health and safety management systems

 **LINEAR PERFORMANCE WARRANTY**

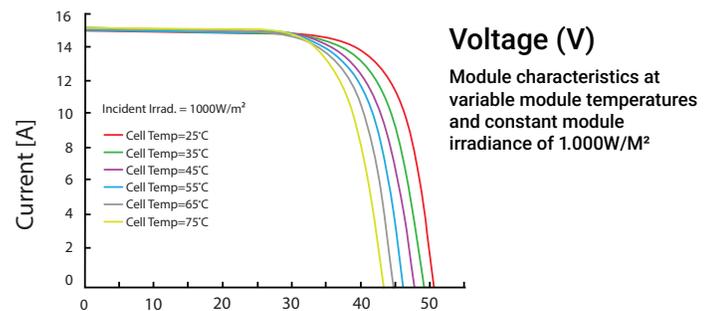
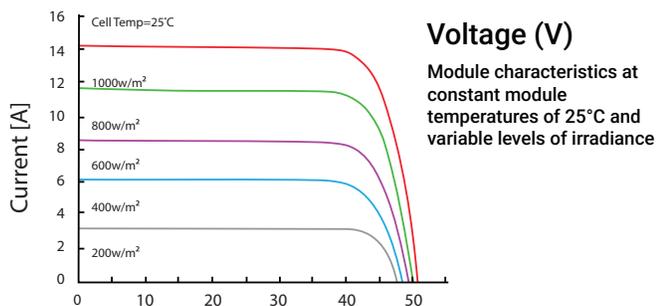
- 15 Year** Product Warranty
- 30 Year** Linear Power Warranty
- <1%** First Year Power Degradation
- <0.4 %** Year 2-30 Power Degradation



 **HIGHER POWER OUTPUT**
Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR



CURRENT-VOLTAGE CURVES:



72-CELL HALF-CUT SERIES

ELECTRICAL PERFORMANCE

Module Type: BHI-72HC	
Maximum Power(Wp)	560W
Open Circuit Voltage(Voc)	50.30V
Short Circuit Current(Isc)	13.97A
Maximum Power Voltage(Vm)	41.92V
Maximum Power Current(Im)	13.36A
Module Efficiency	21.67%
Maximum Series Fuse	25A
Watts Positive Tolerance	0~+5W
Number Of Diode	3
Standard Test Conditions	1000W/M ² , 25°C, AM1.5
Maximum System Voltage	1500V/DC
Temperature-Coefficient Isc	+0.043%/°C
Temperature-Coefficient Voc	-0.24%/°C
Temperature-Coefficient Pmpp	-0.30%/°C
Operating Temperature	-40°C...+85°C
Normal Operating Cell Temperature	45±2°C
Load Capacity For The Cover Of The Module (Glass)	5400Pa(IEC61215)(snow)
Load Capacity For The Front & Back Of The Module	2400Pa(IEC61215)(wind)

ELECTRICAL PERFORMANCE (NOCT)

Module Type: BHI-72HC	
Maximum Power(Wp)	421W
Open Circuit Voltage(Voc)	47.78V
Short Circuit Current(Isc)	11.28A
Maximum Power Voltage(Vm)	39.45V
Maximum Power Current(Im)	10.67A

MECHANICAL CHARACTERISTICS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Backsheet (Color)	TPT in white
Cell (Quantity / Material / Dimensions)	144(6x12x2) / monocrystalline silicon
Frame (Material / Color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction Box (Protection Degree)	≥IP68
Cables & Plug Connectors	4mm ² , 300mm in length, length can be customized
Module Dimensions (L / W / H)	2278x1134x30/35mm
Module Weight	26.6kg / 27.7kg
Application Class	Class A
Electrical Protection Class	Class II
Fire Safety Class	Class C

PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
40HQ	36 (30mm)	1000	2300x1120x1260	720
	31 (35mm)	900	2300x1120x1260	620

MODULE DIAGRAM

