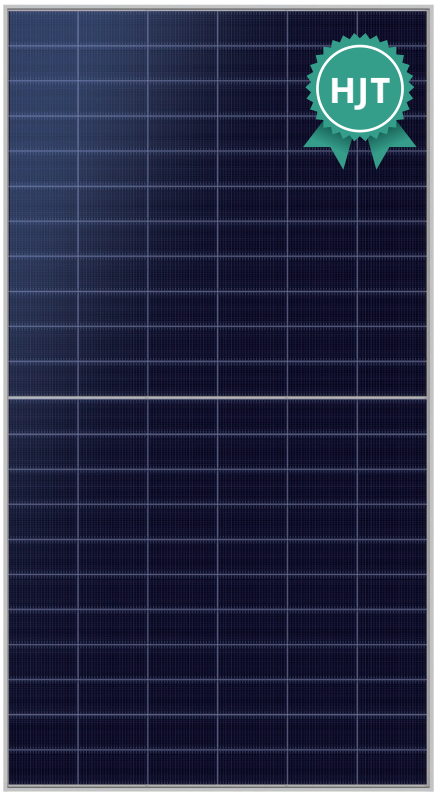
PHONO



715-735W

Helios Module Series

N-HJT HIGH EFFICIENCY MONO 132-0BB-W-WG

Bloomberg NEW ENERGY FINANCE Tier 1 TOP PERFORMER 2026 kiwa PV MODULE RELIABILITY SCORECARD

HJT-0BB Technology

- Minimizing current transmission reduces internal power loss, increasing module efficiency

Excellent Power Generation Performance

- Up to 95% bifaciality
- Competitive high-temperature performance with ameliorated temperature coefficient (-0.24%/℃)

Consistent Reliability

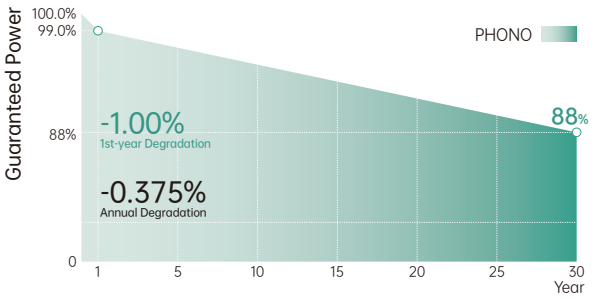
- N-type with lower LID and LeTID
- Industry-leading cell technology of TCO thin film contributes to excellent anti-PID characteristic
- Sealing with PIB based sealant to achieve stronger water resistance greater air impermeability and longer module lifespan

Shorter Payback Time

- Lower BoS cost ensure a better LCOE

More Environmentally Friendly

- Low temperature welding technology & shorter manufacturing process contributes to lower carbon emissions



15-year
Product Warranty

30-year
Linear Performance Warranty

MANAGEMENT SYSTEM CERTIFICATES

IEC 61215, IEC 61730

ISO 9001
2015 / Quality management system

ISO 14001
2015 / Standards for environmental management system

ISO 45001
2018 / International standards for occupational health & safety

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Electrical Typical Values

Model	PS715M14GFH-22/WSHW		PS720M14GFH-22/WSHW		PS725M14GFH-22/WSHW		PS730M14GFH-22/WSHW		PS735M14GFH-22/WSHW	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	715	545	720	549	725	553	730	557	735	561
Rated Current (Impp)	17.00	13.70	17.08	13.77	17.16	13.83	17.24	13.90	17.32	13.99
Rated Voltage (Vmpp)	42.06	39.77	42.16	39.88	42.25	39.98	42.35	40.08	42.44	40.09
Short Circuit Current (Isc)	18.06	14.56	18.15	14.63	18.24	14.70	18.33	14.78	18.42	14.85
Open Circuit Voltage (Voc)	50.11	47.82	50.22	47.93	50.31	48.02	50.42	48.12	50.51	48.21
Module Efficiency (%)	23.02		23.18		23.34		23.50		23.66	

STC (Standard Testing Conditions): Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C , Spectra at AM1.5, Wind at 1m/s

BNPI

Maximum Power (Pmax)	801	807	813	818	824
Optimum Operating Current (Impp)	18.98	19.08	19.17	19.26	19.36
Optimum Operating Voltage (Vmpp)	42.21	42.30	42.42	42.48	42.57
Short Circuit Current (Isc)	20.26	20.36	20.46	20.56	20.66
Open Circuit Voltage (Voc)	50.31	50.43	50.56	50.62	50.75

BNPI:Front Side Irradiation 1000W/m², Back Side Reflection Irradiation 135W/m² , AM 1.5, Ambient Temperature 25°C

Mechanical Characteristics

Cell Type	HJT Monocrystalline
Dimension (L × W × H)	Length: 2384mm (93.86 inch) Width: 1303mm (51.30 inch) Height: 33mm (1.30 inch)
Weight	36.5kg (80.47 lbs)
Glass	2.0mm/2.0mm Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Cable (Including Connector)	4mm² (IEC), (+): 350mm,(-): 250mm or Customized Length
Junction Box	IP 68 Rated

Temperature Ratings

Voltage Temperature Coefficient	-0.22%/°C
Current Temperature Coefficient	+0.04%/°C
Power Temperature Coefficient	-0.24%/°C
Power Tolerance	0~+3%
NOCT	44±2°C
Bifaciality	90±5%

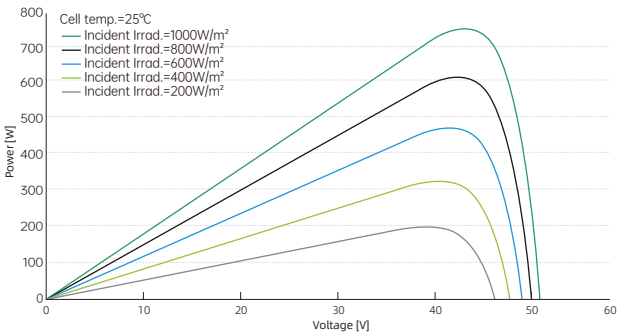
Absolute Maximum Rating

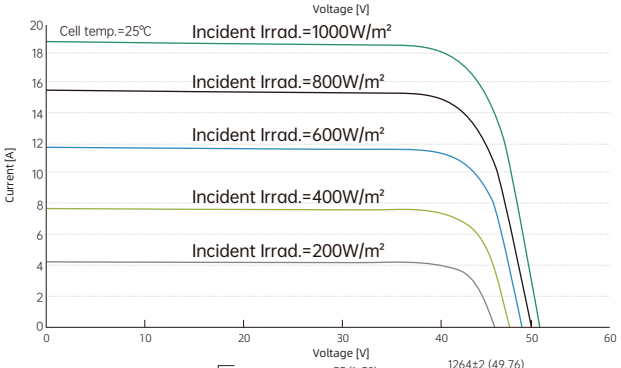
Operating Temperature	From -40 to + 85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	35A
PV Module Classification	Class II
Fire Rating (IEC61730)	C
Maximum System Voltage	DC 1500V

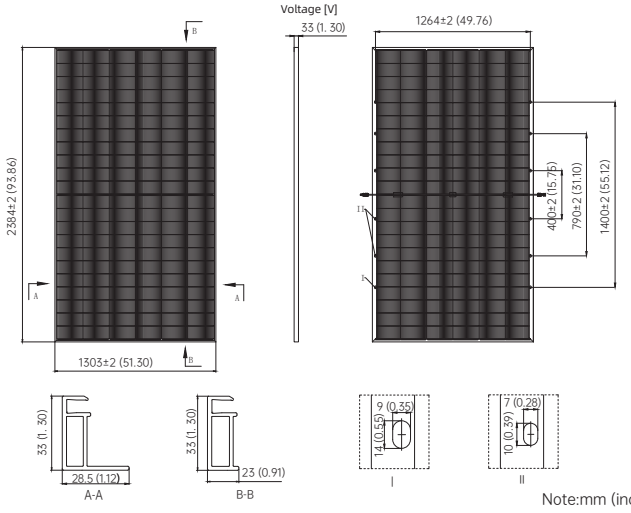
Packing Configuration

Container	40' HQ
Pcs/Container	594
Pcs/Pallet	33
Pallets/Container	18

Electrical Characteristics







Note:mm (inch)

PHONO SOLAR TECHNOLOGY CO., LTD. reserves the right to make necessary adjustments to the information described herein at any time without further notice. The specifications and certificates contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Please be sure to use the most recent version of data.