



710-730w

Helios Module Series

N-HJT HIGH EFFICIENCY MONO 132-20BB-W-WG

Bloomberg
NEW ENERGY FINANCE

Tier1



Excellent Power Generation Performance

- 210mm wafer with SMBB cell technology
- Up to 95% bifaciality
- Competitive high-temperature performance with ameliorated temperature coefficient ($-0.24\%/^{\circ}\text{C}$)
- Better weak illumination response of HJT technology leads higher power generation

Consistent Reliability

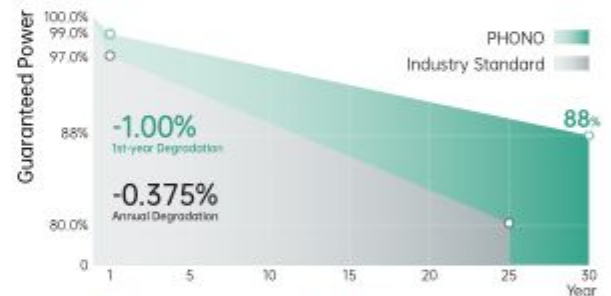
- N-type with lower LID and LeTID
- Industry-leading cell technology of TCO thin film contributes to excellent anti-PID characteristic
- Sealing with PIB based sealant to achieve stronger water resistance greater air impermeability and longer module lifespan

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

Electrical Typical Values

Model	PS710M13GFH-22/WSHW		PS715M13GFH-22/WSHW		PS720M13GFH-22/WSHW		PS725M13GFH-22/WSHW		PS730M13GFH-22/WSHW	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mp})	710	542	715	545	720	549	725	553	730	557
Rated Current (I _{mp})	16.91	13.63	17.00	13.70	17.08	13.77	17.16	13.83	17.24	13.90
Rated Voltage (V _{mp})	41.99	39.76	42.06	39.77	42.16	39.88	42.25	39.98	42.35	40.08
Short Circuit Current (I _{sc})	17.97	14.49	18.06	14.56	18.15	14.63	18.24	14.70	18.33	14.78
Open Circuit Voltage (V _{oc})	50.01	47.73	50.11	47.82	50.22	47.93	50.31	48.02	50.42	48.12
Module Efficiency (%)	22.86		23.02		23.18		23.34		23.50	

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 (P _{max})	796	801	807	813	818
Optimum Operating Current (I _{mp})	18.89	18.98	19.08	19.17	19.26
Optimum Operating Voltage (V _{mp})	42.14	42.21	42.30	42.42	42.48
Short Circuit Current (I _{sc})	20.16	20.26	20.36	20.46	20.56
Open Circuit Voltage (V _{oc})	50.23	50.31	50.43	50.56	50.62

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	37.9kg (83.56 lbs)
Glass	2.0mm/2.0mm Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Cable (Including Connector)	4mm ² (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%

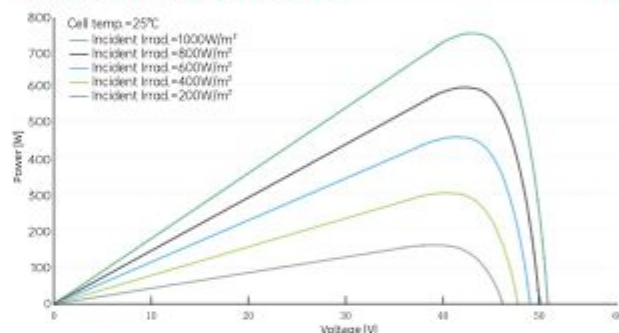
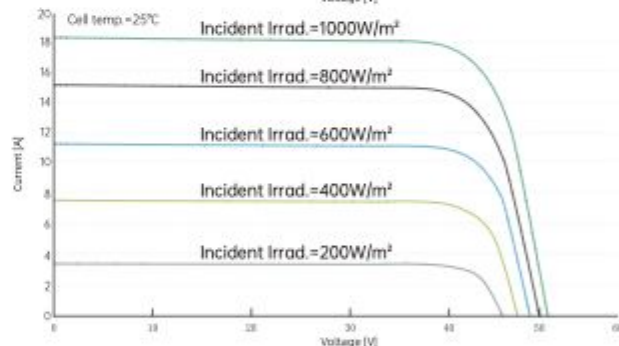
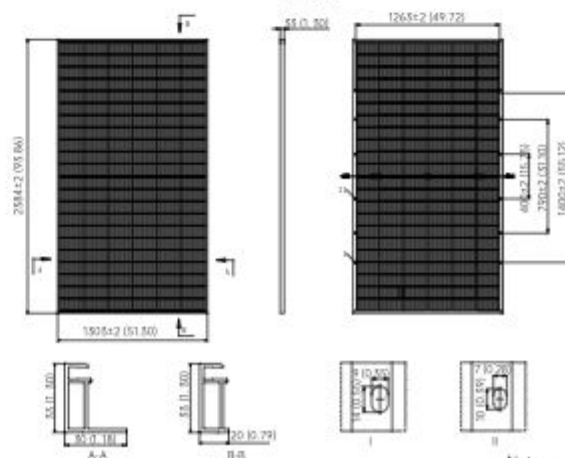
Absolute Maximum Rating

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	II
Fire Rating (IEC61730)	C
Maximum System Voltage	DC 1500V

Packing Configuration

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

Electrical Characteristics



Note:mm (inch)



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