

Himalaya G12 Series 730-750W

132-cell Bifacial HJT Half Cell
Double-glass Solar Module



HJT-0BB Technology
Shorter current transport path, better low-light performance, and higher power generation.



Sealing with PIB
Stronger moisture resistance, greater air impermeability to extent module lifespan.



Up to 95% bifaciality Rate
Natural symmetrical bifacial structure, with more energy yield from the rear.

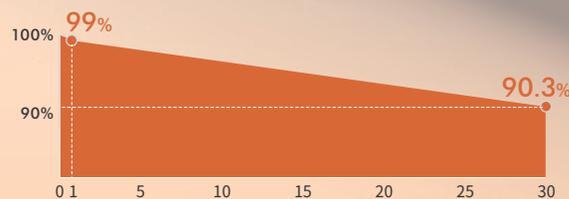


Suitable for Utility Scenarios
Effectively reduce BOS costs and lower LCOE.



Complete System and Product Certifications:

- IEC61215, IEC61730
- ISO9001:2015 Quality Management System
- ISO14001:2015 Environment Management System
- ISO45001:2018 Occupational Health and Safety
- IEC62941:2019 Terrestrial photovoltaic (PV) modules- Quality system for PV module manufacturing
- IEC/TS62994: 2019 Photovoltaic (PV) Modules Through the Life Cycle-environmental Health and Safety (EH&S) Risk Assessment-general Principles and Nomenclature



* First year power degradation $\leq 1\%$
 * Annual power degradation (2-30 year) $\leq 0.3\%$
 * Power output until the 30th year $\geq 90.3\%$

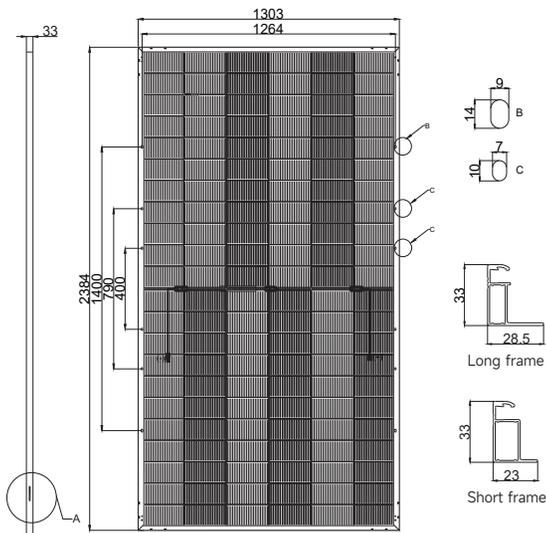
HSN-210-B132 730-750W

132-Half-Cell Bifacial HJT Module

- BloombergNEF Tier 1 PV module manufacturer
- Reinsurance underwritten by Ariel Re

Engineering Drawings

Unit: mm



Mechanical Characteristics

Cell Type	HJT
No. of Cells	132 (6x22)
Dimensions	2384 x 1303 x 33 mm
Weight	36.5 kg
Junction Box	IP68
Cable	4mm ² ; +350/-250mm or customized; UV resistant
Connector	PV-H1 / MC4-Evo 2 / Others
Frame	Anodized aluminum alloy frame
Max Static Load (front side/rear side)	5400Pa / 2400Pa
Glass	Dual glass, 2.0mm

Electrical Characteristics

STC

HSN-210-B132	DS730	DS735	DS740	DS745	DS750
Maximum Power (Pmax/W)	730	735	740	745	750
Module Efficiency (%)	23.5	23.7	23.8	24.0	24.1
Voltage at Pmax (Vmp/V)	42.32	42.41	42.50	42.59	42.68
Current at Pmax (Imp/A)	17.26	17.34	17.42	17.50	17.58
Open Circuit Voltage (Voc/V)	50.37	50.47	50.57	50.67	50.77
Short Circuit Current (Isc/A)	18.35	18.44	18.53	18.62	18.71

STC: AM1.5, 1000W/m², 25°C.

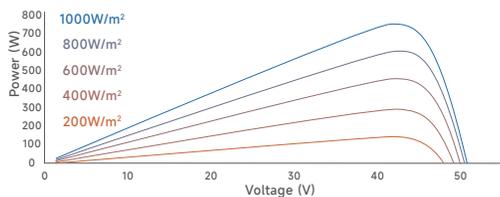
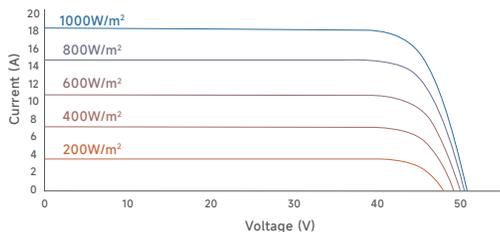
BNPI

Maximum Power (Pmax/W)	818	824	829	835	841
Voltage at Pmax (Vmp/V)	42.47	42.56	42.65	42.74	42.83
Current at Pmax (Imp/A)	19.28	19.37	19.46	19.55	19.64
Open Circuit Voltage (Voc/V)	50.54	50.65	50.75	50.85	50.95
Short Circuit Current (Isc/A)	20.58	20.68	20.78	20.88	20.98

BNPI: AM1.5, 1000W/m², 135W/m², 25°C.

I-V Curve

(HSN-210-B132DS750)



Temperature Characteristics

Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Isc	+0.04%/°C

Operating Conditions

Nominal Operating Cell Temp.	44±2°C
Operating Temperature	-40~+85°C
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
Tolerance of Pmax	0~+3%
Power Selection	0~+5W
Bifaciality	90±5%
Safety Class	Class II

NOCT

Maximum Power (Pmax/W)	557	561	565	568	572
Voltage at Pmax (Vmp/V)	40.41	40.50	40.58	40.67	40.76
Current at Pmax (Imp/A)	13.79	13.86	13.92	13.99	14.05
Open Circuit Voltage (Voc/V)	48.08	48.17	48.27	48.36	48.46
Short Circuit Current (Isc/A)	14.67	14.74	14.81	14.88	14.95

NOCT: AM1.5, 800W/m², 20°C, 1m/s.

Packaging

	40'HQ
Modules Per Pallet	33
Pallets Per Container	18
Modules Per Container	594



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