

Himalaya G12 Series 700-730W

132-cell HJT Half-cell 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.



Ideal Choice for Rooftop photovoltaic Systems

Effectively reduce BOS costs and lower LCOE.



Complete System and Product Certifications:

IEC61215, IEC61730

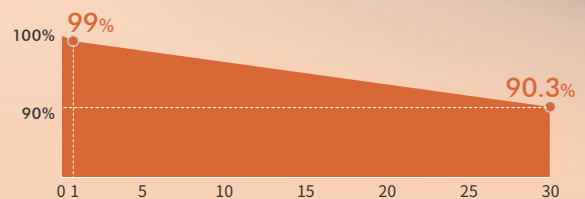
ISO9001: 2015 Quality Management System

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

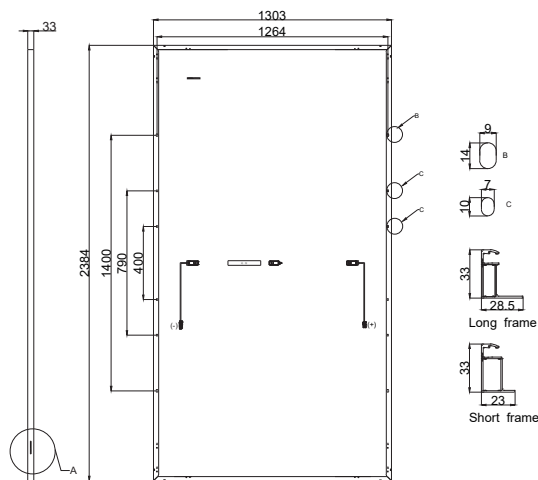


* First year power degradation < 1%
 * Annual power degradation (2-30 year) < 0.3%
 * Power output until the 30th year > 90.3%

- 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-S132	DSW700	DSW705	DSW710	DSW715	DSW720	DSW725	DSW730
Maximum Power (Pmax/W)	700	705	710	715	720	725	730
Module Efficiency (%)	22.5	22.7	22.9	23.0	23.2	23.3	23.5
Voltage at Pmax (Vmp/V)	41.71	41.80	41.88	41.97	42.05	42.13	42.22
Current at Pmax (Imp/A)	16.78	16.87	16.96	17.04	17.12	17.21	17.29
Open Circuit Voltage (Voc/V)	49.66	49.76	49.86	49.96	50.06	50.16	50.26
Short Circuit Current (Isc/A)	17.85	17.95	18.04	18.13	18.22	18.31	18.40

STC: AM1.5, 1000W/m², 25°C.

NOCT

Maximum Power (Pmax/W)	534	538	542	546	550	554	557
Voltage at Pmax (Vmp/V)	39.85	39.93	40.01	40.09	40.17	40.25	40.33
Current at Pmax (Imp/A)	13.41	13.48	13.55	13.62	13.69	13.75	13.82
Open Circuit Voltage (Voc/V)	47.40	47.49	47.59	47.68	47.78	47.87	47.97
Short Circuit Current (Isc/A)	14.27	14.34	14.42	14.49	14.56	14.63	14.70

NOCT: AM1.5, 800W/m², 20°C, 1m/s.

Temperature Coefficients

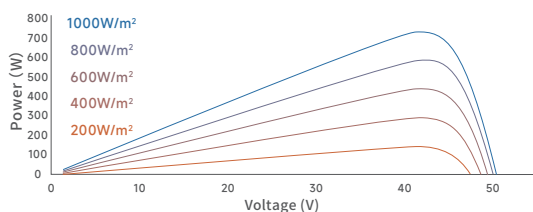
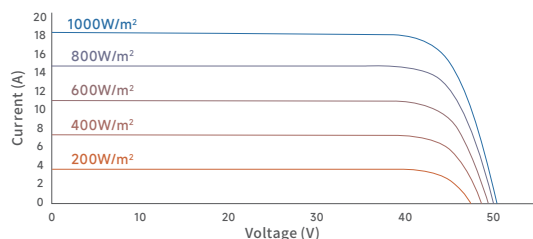
Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Isc	+0.04%/°C

Packaging

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

I-V Curve

(HSN-210-S132DSW730)



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
Safety Class	Class II



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