HUASUN | HETEROJUNCTION TECHNOLOGY

Himalaya series V-ocean

700-730W

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

UV aging resistance
Adpoting UV light down-conversion film, the color of the modules blends with the marine environment

Super-strong watertightness
Higher water resistance via double-layer coated glass, PIB all-around sealing, special junction box and terminals

Resistance to salt-mist corrosion
Adopting thicker anodized aluminum frames, the module has passed the salt spray level 8 test

Resistance to Sea Wind Impact
Enhanced and optimized frame structure, passed 6 times IEC dynamic load test

15 YEARS PRODUCT WARRANTY

30 YEARS POWER WARRANTY

Complete System and Product Certfications:

IEC61215, IEC61730

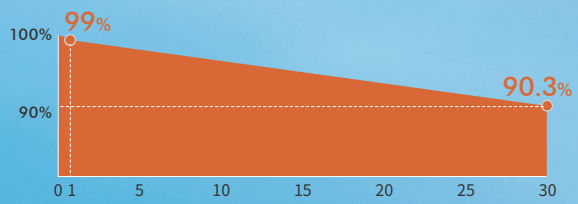
ISO9001:2015 Quality Management System

ISO14001:2015 Environment Management System

ISO45001:2018 Occupational Health and Safety

IEC62941:2019 Terrestrial photovoltaic (PV) modules- Quality system for PV modulemanufacturing

IEC/TS62994: 2019 Photovoltaic (PV) Modules Through the Life Cycle-environmental Health and Safety (EH&S) Risk Assessment-general Principles and Nomenclature



* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.3%, and the power is no less than 90.3% until the 30th year.

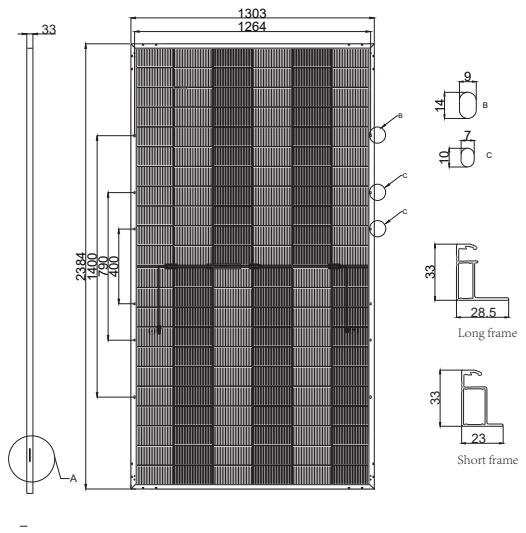
HSN-210-B132 700-730W

132-cell Bifacial HJT Solar Half Cell Module

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

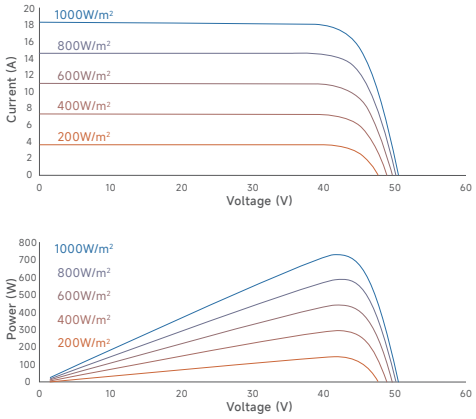
Engineering Drawings

Unit: mm



I-V Curve

(HSN-210-B132DS730)



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)
Maxiumu Series Fuse Rating	35A
Tolerance of Pmax	0~+3%
Power Selection	0~+5W
Bifaciality	90±5%
Safety Class	Class II

Mechanical Characteristics

Cell Type	HJT
No. of Cells	132 (6x22)
Dimensions	2384 x 1303 x 33mm
Weight	36.5kg
Junction Box	IP68
Cable	4mm²; +350/-250mm or customized; UV resistant
Connector	PV-ZH202D
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	DS700	DS705	DS710	DS715	DS720	DS725	DS730
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)	41.78	41.87	41.96	42.05	42.14	42.23	42.32
Current at Pmax (Imp/A)	16.76	16.84	16.93	17.02	17.10	17.18	17.26
Open Circuit Voltage (Voc/V)	49.77	49.87	49.97	50.07	50.17	50.27	50.37
Short Circuit Current (Isc/A)	17.81	17.90	17.99	18.08	18.17	18.26	18.35

STC: AM1.5, 1000W/m², 25℃.

BNPI

Maximum Power (Pmax/W)	785	790	796	801	807	813	818
Voltage at Pmax (Vmp/V)	41.92	42.02	42.11	42.20	42.29	42.38	42.47
Current at Pmax (Imp/A)	18.73	18.82	18.91	19.00	19.10	19.19	19.28
Open Circuit Voltage (Voc/V)	49.94	50.04	50.14	50.24	50.34	50.44	50.54
Short Circuit Current (Isc/A)	19.97	20.07	20.18	20.28	20.38	20.48	20.58

BSTC: AM1.5, 1000W/m², 135W/m², 25℃.

NOCT

Maximum Power (Pmax/W)	534	538	542	545	549	553	557
Voltage at Pmax (Vmp/V)	39.90	40.00	40.07	40.14	40.23	40.32	40.41
Current at Pmax (Imp/A)	13.39	13.46	13.53	13.60	13.67	13.73	13.79
Open Circuit Voltage (Voc/V)	47.50	47.60	47.69	47.79	47.88	47.98	48.08
Short Circuit Current (Isc/A)	14.23	14.31	14.38	14.45	14.52	14.59	14.67

NOCT: AM1.5, 800W/m², 20℃, 1m/s.

Packaging

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

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