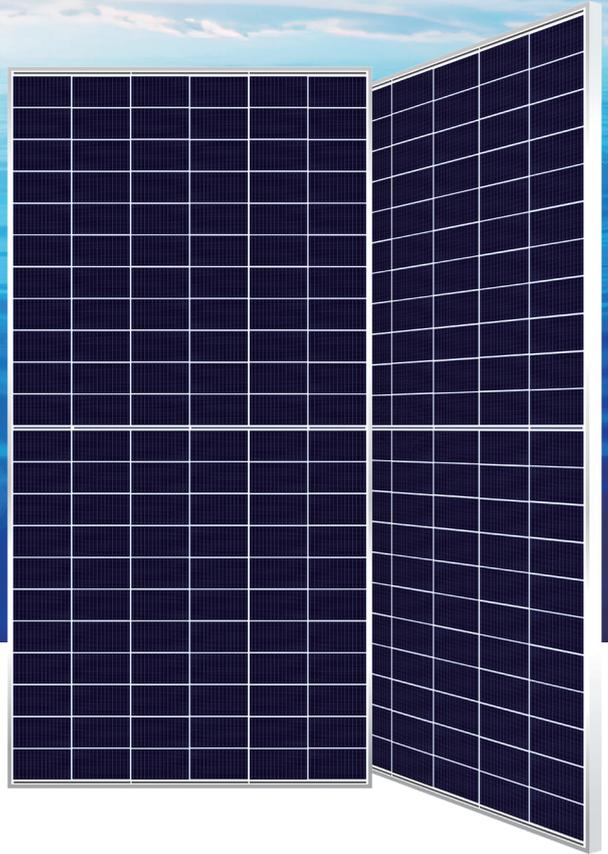


Himalaya ^{series} T-ocean

High-efficiency HJT Solar Modules

▪ More power ▪ More efficiency ▪ More benefits



700-720W

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

Product advantages



Ultra-high cell efficiency and module output
HJT Microcrystalline technology applied



Stronger wind load capacity
Strengthened frames guaranteeing modules passing 12-time IEC dynamic load test



Great UV resistance
Light conversion film adopted, enhancing reliability against marine harsh environment



Better anti-wave vibration ability
Double-glass design preventing microcrack, and insuring modules passing the high frequency vibration test



Super-strong watertightness
Higher water resistance via coated glass on both sides, PIB all-around sealing and IP68 junction box



Higher module bifaciality
Natural symmetric bifacial structure, more power generation from the back side



Great resistibility against salt-mist
Integrated coating frames ensuring modules passing the IEC salt-mist test level 8



Excellent performance, Lower LCOE
Lower temp. coeff., better low-light response, lower degradation, higher energy yield and lower LCOE



WARRANTY

Product Warranty

15
years

Linear Power Warranty

30
years



ANHUI HUASUN ENERGY CO., LTD.

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File No. HS-T2-SM-0007 Ver. 2.0 Page 1 of 2

The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Anhui Huasun reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the latest version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

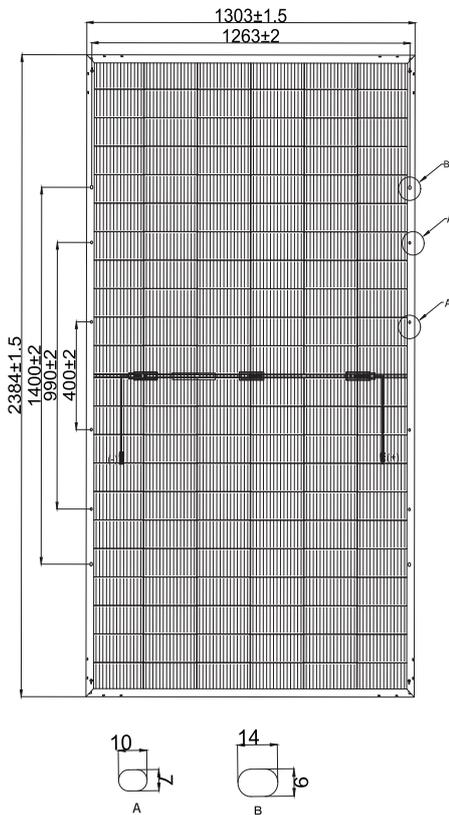
Himalaya V-ocean Series 700-720W

132-cell Bifacial HJT Solar Half Cell Module

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

Engineering Drawings

Unit: mm



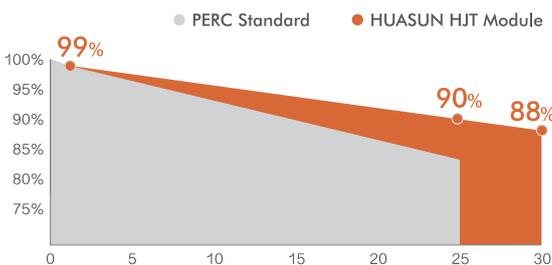
Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficient of Pmax	-0.24%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

* Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0.375%, and the power is no less than 88% until the 30th year.



* Refer to HUASUN standard warranty for details

Electrical Characteristics (STC*)

HS-210-B132	DS700	DS705	DS710	DS715	DS720
Maximum Power (Pmax)	700W	705W	710W	715W	720W
Module Efficiency (%)	22.53%	22.70%	22.86%	23.02%	23.18%
Optimum Operating Voltage (Vmp)	42.10V	42.25V	42.39V	42.54V	42.68V
Optimum Operating Current (Imp)	16.63A	16.69A	16.75A	16.81A	16.87A
Open Circuit Voltage (Voc)	50.13V	50.29V	50.44V	50.59V	50.74V
Short Circuit Current (Isc)	17.43A	17.49A	17.55A	17.61A	17.67A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	35A				
Power Tolerance	0~+5W				
Bifaciality	85% ± 5%				

*STC: Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

BSTC**

Maximum Power (Pmax)	770W	775W	780W	785W	790W
Optimum Operating Voltage (Vmp)	42.10V	42.25V	42.39V	42.54V	42.68V
Optimum Operating Current (Imp)	18.29A	18.35A	18.41A	18.46A	18.51A
Open Circuit Voltage (Voc)	50.13V	50.29V	50.44V	50.59V	50.74V
Short Circuit Current (Isc)	19.17A	19.22A	19.28A	19.33A	19.39A

**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25 °C.

Mechanical Characteristics

Cell Type	HJT Mono 210×105mm
Cell Connection	132 (6×22)
Module Dimension	2384×1303×35 mm
Weight	38.7 kg
Junction Box	IP68
Output Cable	4mm ² , 300mm in length, length can be customized / UV resistant
Connectors Type	MC4/ MC4-Evo2A/ PV-H4/Z4S-abcd/ ST4
Frame	Composite coating
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	Double glass, 2.0mm

Shipping Configurations

	HC
Container Size	40'
Pallets Per Container	18
Modules Per Pallet (pcs)	31
Modules Per Container (pcs)	558