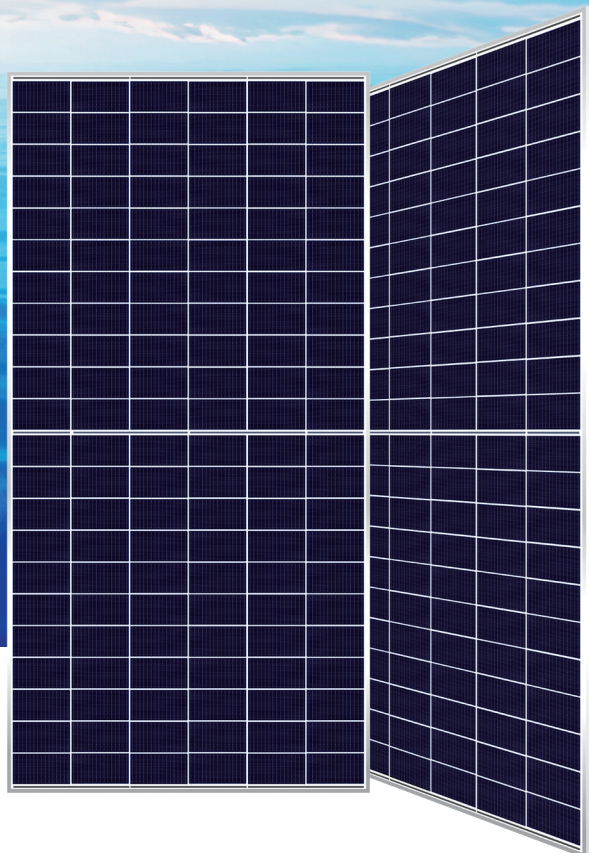


# Himalaya <sup>series</sup> T-ocean

High-efficiency HJT Solar Modules

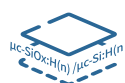
▪ More power ▪ More efficiency ▪ More benefits



## 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



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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.

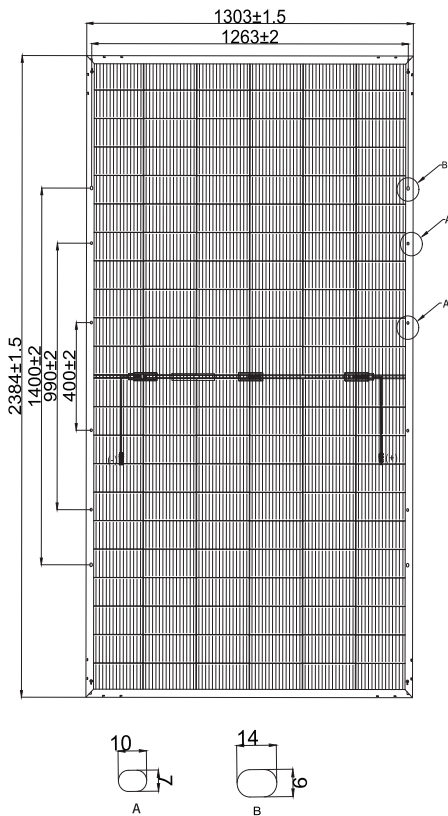
# Himalaya V-ocean Series 700-720W

## 132-cell Bifacial HJT Solar Half Cell Module

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

### Engineering Drawings

Unit: mm



### 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/m<sup>2</sup>, cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

### BSTC\*\*

|                                 | 770W   | 775W   | 780W   | 785W   | 790W   |
|---------------------------------|--------|--------|--------|--------|--------|
| 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/m<sup>2</sup>, back side reflection irradiation 135W/m<sup>2</sup>, AM=1.5, ambient temperature 25 °C.

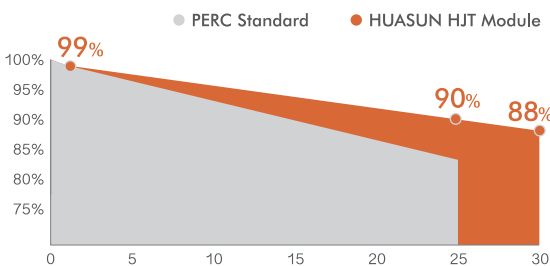
### Temperature Characteristics

|                                     |              |
|-------------------------------------|--------------|
| 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

### 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 <sup>2</sup> , 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 |