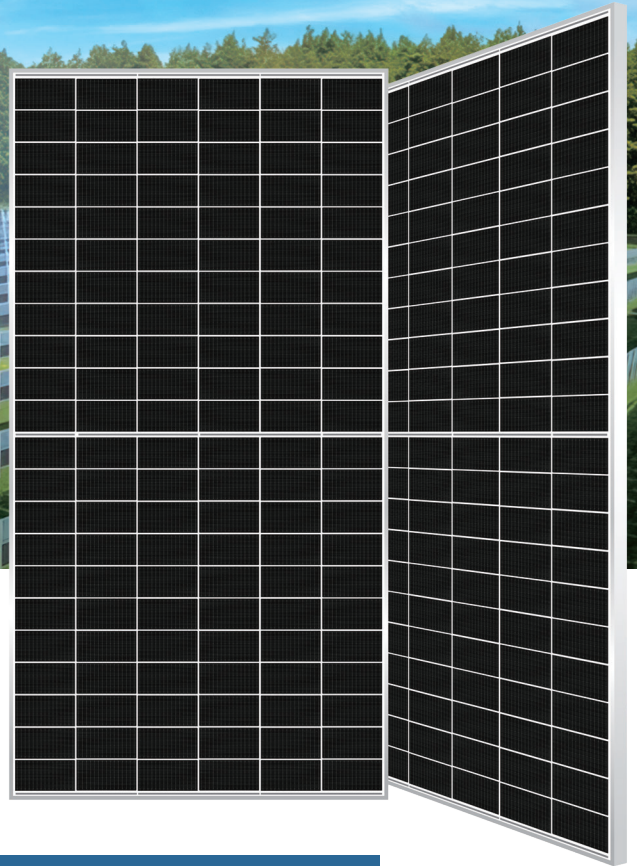


Himalaya G12 Series

Ultra-high bifaciality

(This image is licensed)



700-720W

132-cell Bifacial HJT Half Cell Solar Module

Application Scenarios



Farm



Rangeland



Expressways

Product advantages



Ultra-high cell efficiency and module output

The first company applies HJT microcrystalline technology in mass production, significantly improving efficiency and power output



Ultimate reduction of floor space

Eliminating negative impact on land resource.



Up to 97% of bifaciality

High bifaciality comes from natural bifacial symmetrical structure combining with innovative module design



Ultra-low operating and maintenance costs

Preventing snow-cover and dust stratification by vertical installation to reduce maintenance costs.



Excellent power generating performance

Super-high bifaciality, low temperature coefficient and low degradation for optimizing the power generation performance in vertical installation



Perfectly fitting for farms, rangeland and expressway

Significantly increasing energy generation, leading to lower BOS cost and lower LCOE



WARRANTY

Product Warranty **15** years

Linear Power Warranty **30** years



ANHUI HUASUN ENERGY CO., LTD.

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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.

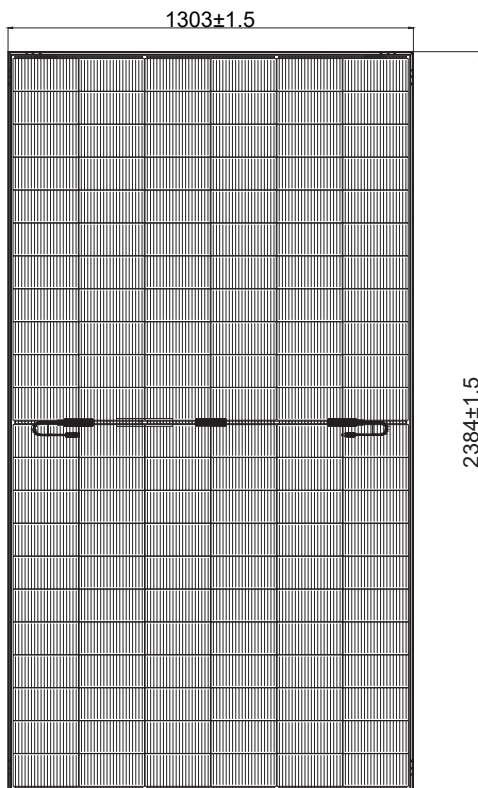
Himalaya G12 Series 700-720W

Ultra-high bifaciality

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

Engineering Drawings

Unit: mm



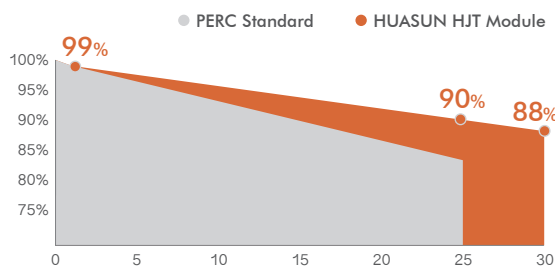
Temperature Characteristics

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	DSN700	DSN705	DSN710	DSN715	DSN720
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	95% ± 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	37.6 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	2400 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