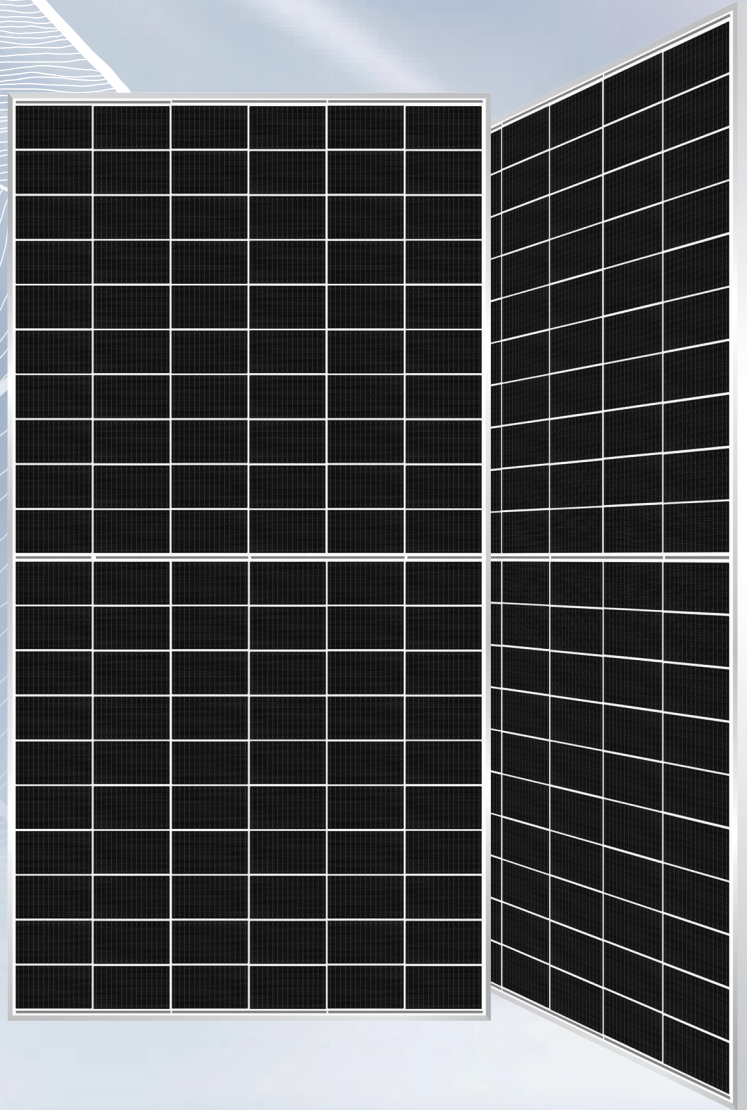


# Himalaya G12 Series

## 615-635W

120-cell Bifacial HJT Half Cell  
Solar Module



### HJT · G12

Heterojunction 210mm Cell



SMBB Half-Cut  
Cell Technology



Up to 85% Bifaciality



PIB Technology\*



Lower LCOE  
Higher Return

### WARRANTY

Product  
Warranty **15**  
years

Linear  
Power  
Warranty **30**  
years



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\*PIB technology is optional and will be confirmed by case.

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.

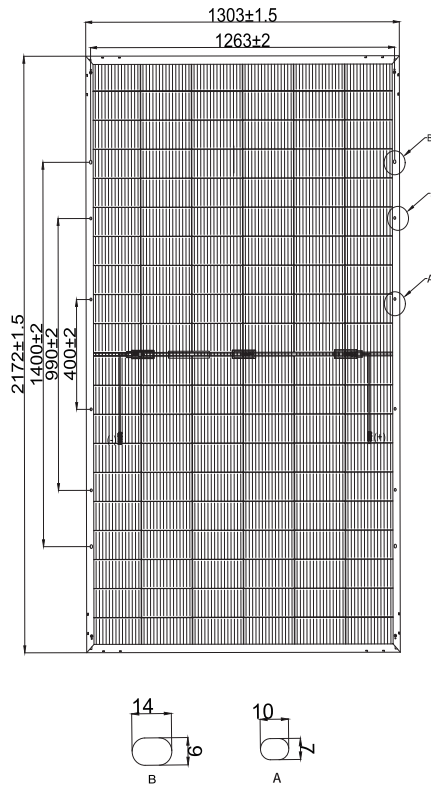
# Himalaya G12 Series 615-635W

120-cell Bifacial HJT Half Cell Solar Module



## Engineering Drawings

Unit: mm



## Electrical Characteristics (STC\*)

HS-210-B120	DS615	DS620	DS625	DS630	DS635
Maximum Power (P <sub>max</sub> )	615W	620W	625W	630W	635W
Module Efficiency (%)	21.73%	21.91%	22.08%	22.26%	22.44%
Optimum Operating Voltage (V <sub>mp</sub> )	37.53V	37.69V	37.86V	38.03V	38.19V
Optimum Operating Current (I <sub>mp</sub> )	16.39A	16.45A	16.51A	16.57A	16.63A
Open Circuit Voltage (V <sub>oc</sub> )	44.77V	44.95V	45.13V	45.30V	45.48V
Short Circuit Current (I <sub>sc</sub> )	17.19A	17.25A	17.31A	17.37A	17.43A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	30A				
Power Tolerance	0~+5W				
Bifaciality	80% ± 5%				

\*STC: Irradiance 1000 W/m<sup>2</sup>, cell temperature 25 °C, AM=1.5. Tolerance of P<sub>max</sub> is within +/- 3%.

## BSTC\*\*

Maximum Power (P <sub>max</sub> )	680W	685W	690W	695W	700W
Optimum Operating Voltage (V <sub>mp</sub> )	37.53V	37.69V	37.86V	38.03V	38.19V
Optimum Operating Current (I <sub>mp</sub> )	18.12A	18.18A	18.23A	18.28A	18.33A
Open Circuit Voltage (V <sub>oc</sub> )	44.77V	44.95V	45.13V	45.30V	45.48V
Short Circuit Current (I <sub>sc</sub> )	19.01A	19.06A	19.11A	19.16A	19.21A

\*\*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.

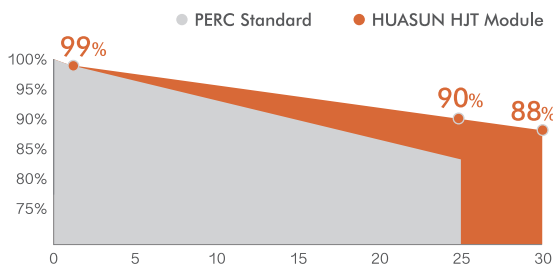
## Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficient of P <sub>max</sub>	-0.26%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.24%/°C
Temperature Coefficient of I <sub>sc</sub>	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	120 (6 × 20)
Module Dimension	2172 × 1303 × 35 mm
Weight	35.3 kg
Junction Box	IP68
Output Cable	4mm <sup>2</sup> , 300mm in length, length can be customized / UV resistant
Connectors Type	MC4 compatible
Frame	Anodised aluminum alloy
Encapsulant	EPE
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 2.0mm anti-reflective surface solar glass   (B) 2.0mm solar glass

## Shipping Configurations

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

ANHUI HUASUN ENERGY CO., LTD.

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