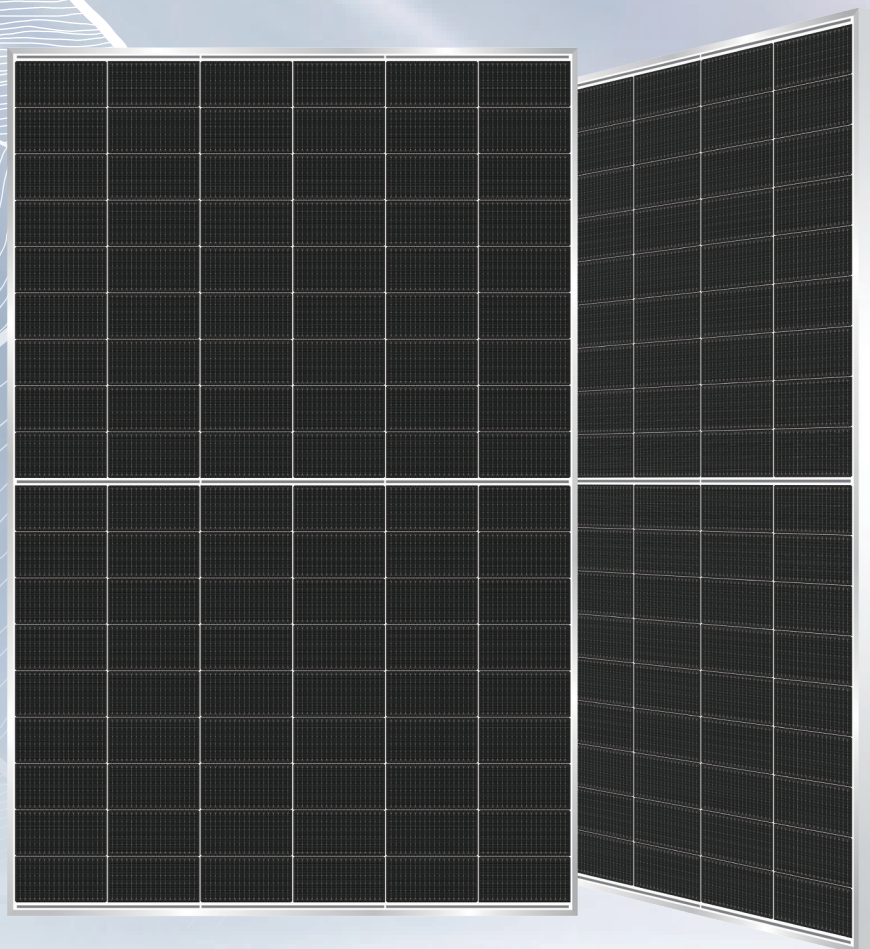


Himalaya G10 Series 415-435W



(PRELIMINARY)



HJT · G10

Heterojunction 182mm 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.

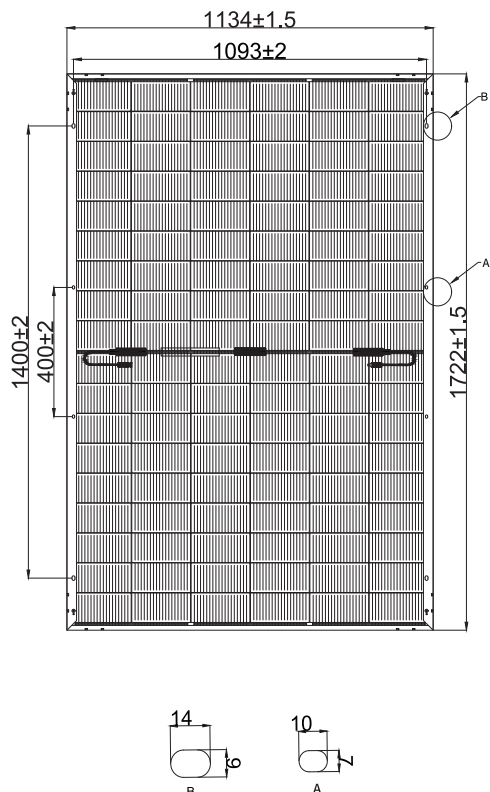
Himalaya G10 Series 415-435W

108-cell Bifacial HJT Half Cell Solar Module



Engineering Drawings

Unit: mm



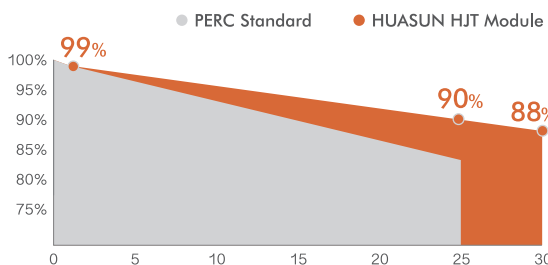
Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficient of Pmax	-0.26%/°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-182-B108	DS415	DS420	DS425	DS430	DS435
Maximum Power (Pmax)	415W	420W	425W	430W	435W
Module Efficiency (%)	21.25%	21.51%	21.76%	22.02%	22.28%
Optimum Operating Voltage (Vmp)	32.71V	33.00V	33.23V	33.49V	33.75V
Optimum Operating Current (Imp)	12.69A	12.73A	12.79A	12.84A	12.89A
Open Circuit Voltage (Voc)	39.63V	39.89V	40.17V	40.40V	40.67V
Short Circuit Current (Isc)	12.94A	12.99A	13.04A	13.10A	13.15A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	25A				
Power Tolerance	0~+5W				
Bifaciality	80% ± 5%				

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

BSTC**

Maximum Power (Pmax)	460W	465W	470W	475W	480W
Optimum Operating Voltage (Vmp)	32.71V	33.00V	33.23V	33.49V	33.75V
Optimum Operating Current (Imp)	14.05A	14.08A	14.14A	14.18A	14.23A
Open Circuit Voltage (Voc)	39.63V	39.89V	40.17V	40.40V	40.67V
Short Circuit Current (Isc)	14.34A	14.38A	14.42A	14.47A	14.51A

**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 182×91mm
Cell Connection	108 (6×18)
Module Dimension	1722×1134×30 mm
Weight	26 kg
Junction Box	IP68
Output Cable	4mm², 1200mm 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	HC
Pallets Per Container	40'
Modules Per Pallet (pcs)	26
Modules Per Container (pcs)	36
	936

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