



HUASUN

Bright Your
Sustainable Future

Himalaya·Bifi Black

375W | 380W | 385W | 390W

120HCC | Bifacial Full Black HJT Module

21.41
%

Extreme Power Production

The full black module efficiency reach up to 21.40% achieved by utilizing the most advanced Heterojunction technology in the solar industry.



Full Black HJT Maximized Uniqueness

9/12BB HJT+Half Cut tech, introducing Black glazed grid back glass, perfectly fit for your rooftop.



Advanced Bifacial Efficiency

An Excellent combination of silicon crystalline and thin film tech.

Bifaciality > 80%, effectively improves backside power generation more than 10%.



High Energy Yield

Excellent weak light and high temp. performance. Industry leading temp. coefficient helps to generate more electricity when the Temp. on surface of solar module rise up.



Industry Leading Performance Warranty

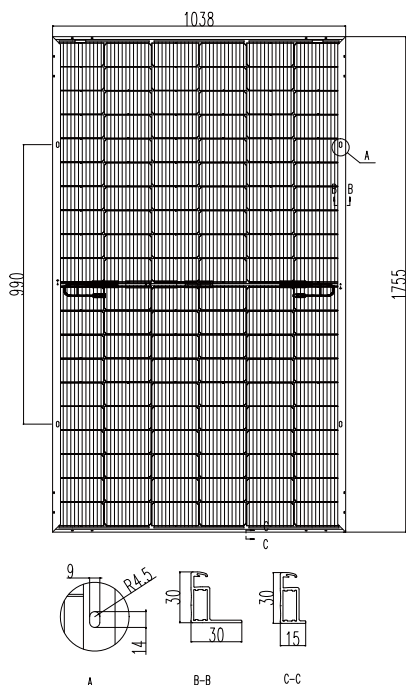
HJT cell technology result in extremely low LID and PID which supports reliability and longevity. Only 12% power degradation in 30 years.



15
years
Product
Warranty

30
years
Linear Power
Warranty

Engineering Drawings



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

Shipping Configurations

	HC	GP
Container Length	40'	20'
Pallets Per Container	26	12
Modules Per Pallet	35pcs	35pcs
Modules Per Container	910pcs	420pcs

Certifications & Warranty

Safety	IEC61215, IEC61730
Fire Rating	Class A
Product Warranty	15 Yrs Workmanship

Performance Warranty of Pmax 30 Yrs Power Output (Linear)*

* 1st year 99%, after 2nd year 0.37% annual degradation to year 30.

Electrical Characteristics (STC)

Model Name	HS-B120 DS375B	HS-B120 DS380B	HS-B120 DS385B	HS-B120 DS390B
Maximum Power (Pmax)	375W	380W	385W	390W
Max Module Efficiency(%)	20.58%	20.86%	21.13%	21.41%
Voltage at Max Power (Vmp)	37.02V	37.09V	37.15V	37.23V
Current at Max Power (Imp)	10.15A	10.27A	10.37A	10.49A
Open Circuit Voltage (Voc)	44.37V	44.47V	44.57V	44.67V
Short Circuit Voltage (Isc)	10.62A	10.72A	10.82A	10.92A
Operating Module Temperature	-40 to +85°C			
Maximum System Voltage	DC1500V (IEC)			
Maximum Series Fuse	20A			
Rating Power Sorting	0~+5W			
Bifaciality (%)	80 (0~+3)			

*STC: Irradiance 1000 W/m², module temperature 25°C, AM=1.5; Best in Class AAA solar simulator used, power measurement uncertainty is within +/- 3%.

NOCT

	375W	380W	385W	390W
Max. Power at NOCT (Pmax)	287W	290W	294W	298W
Voltage Max. Power (Vmp)	34.93V	34.98V	35.10V	35.15V
Current Max Power (Imp)	8.21A	8.30A	8.38A	8.48A
Open Circuit Voltage (Voc)*	41.46V	41.55V	41.64V	41.74V
Short Circuit Voltage (Isc)*	8.44A	8.52A	8.60A	8.68A

*NOCT: 800W/m² Irradiance, 20°C ambient temperature, AM=1.5, wind speed 1m/s. Values are based on RETC certified results from a light-soaked module.

Mechanical Characteristics

Laminate Structure	Glass/ POE/ Cells/ POE/ Glass
Cell Type	HJT Mono 166 x 83 mm
Cell Connection	120 (60x2)
Module Dimensions	1755 x 1038 x 30 mm
Weight	23.5kg
Junction Box	Degree of protection IP67/IP68
Output Cable	4mm ² , 200mm in length, length can be customized
Connectors Type	UV Resistant Cable/Compatible MC4
Frame	Anodised Aluminum Alloy
Encapsulant	POE
Front Load*	5400 Pa
Real Load*	2400 Pa
Glass Thickness	(F) 2.0mm Solar glass (B) 2.0mm Solar glass with black grid

* Mechanical load test report per Solar PTL (IEC 61730)