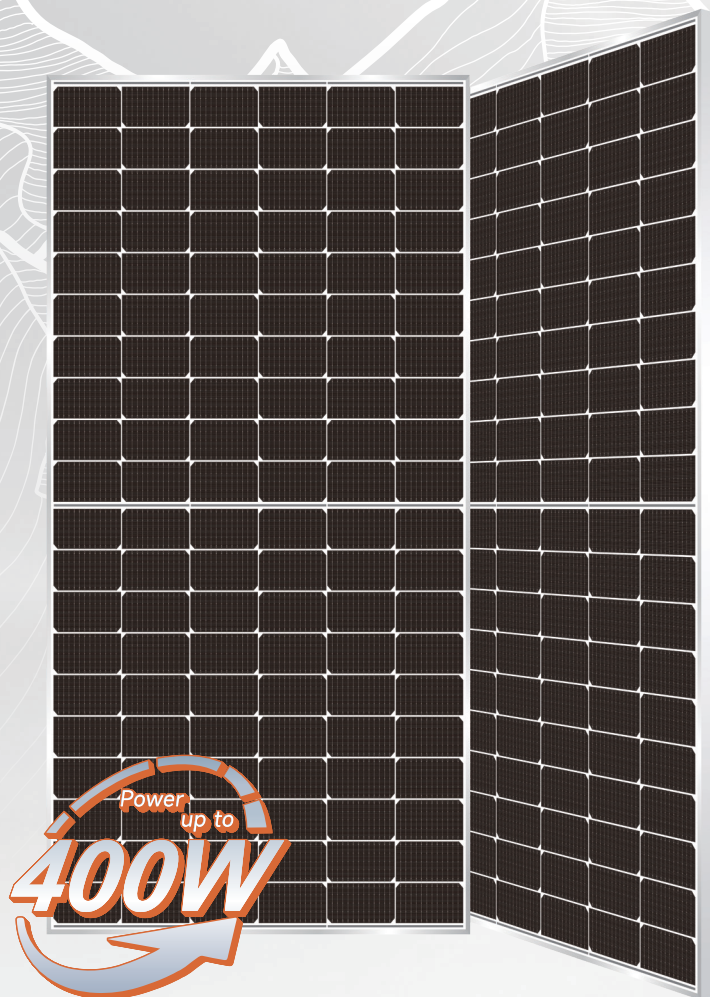


Himalaya M6 Series

380-400W

120-cell Bifacial Half Cell
Double-glass Solar Module



HJT

Heterojunction Technology

The next generation mainstream high-efficiency solar cell technology.



-0.26%/°C Pmax temperature coefficient

More stable power generation performance and even better in hot climate.



SMBB design with Half-Cut Technology

Shorter current transmission distance, less resistive loss and higher cell efficiency.



Up to 90% Bifaciality

Natural symmetrical bifacial structure bringing more energy yield from the backside.



Sealing with PIB based sealant

Stronger water resistance, greater air impermeability to extend module lifespan.



High reliability

Industrial leading product and performance warranty, ensuring modules' consistent outstanding performance.



Ideal choice for residential rooftop projects

Small size, flexibly fitting various rooftops.

WARRANTY

Product
Warranty **15**
years

Linear
Power
Warranty **30**
years



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.



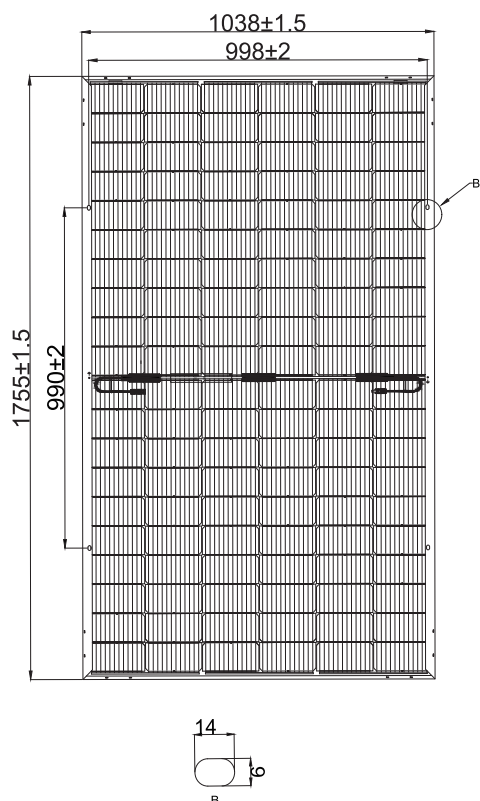
Himalaya M6 Series 380-400W

120-cell Bifacial HJT Solar Module



Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

Model	HS-B120	HS-B120	HS-B120	HS-B120	HS-B120
	DS380	DS385	DS390	DS395	DS400
Maximum Power (Pmax)	380W	385W	390W	395W	400W
Module Efficiency (%)	20.86%	21.13%	21.41%	21.68%	21.96%
Optimum Operating Voltage (Vmp)	37.52V	37.70V	37.91V	38.16V	38.36V
Optimum Operating Current (Imp)	10.14A	10.22A	10.30A	10.36A	10.44A
Open Circuit Voltage (Voc)	44.22V	44.35V	44.48V	44.61V	44.74V
Short Circuit Current (Isc)	10.50A	10.56A	10.62A	10.68A	10.74A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	20A				
Power Tolerance	0~+5W				
Bifaciality	85% ± 5%				

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

BSTC**

Maximum Power (Pmax)	420W	425W	430W	435W	440W
Optimum Operating Voltage (Vmp)	38.31V	38.50V	38.67V	38.93V	39.20V
Optimum Operating Current (Imp)	11.09A	11.13A	11.18A	11.23A	11.28A
Open Circuit Voltage (Voc)	45.34V	45.61V	45.94V	46.81V	47.51V
Short Circuit Current (Isc)	11.49A	11.53A	11.57A	11.61A	11.65A

**BSTC: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25 °C.

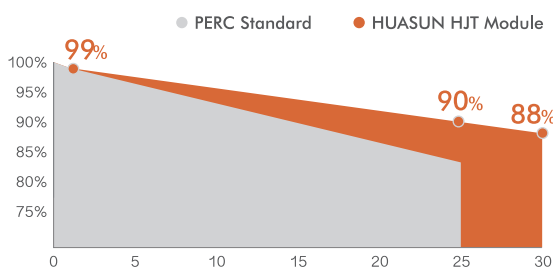
Temperature Characteristics

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 Year 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 166 × 83mm
Cell Connection	120 (6 × 20)
Module Dimension	1755 × 1038 × 30 mm
Weight	23.5 kg
Junction Box	IP68
Output Cable	4mm², 1200mm in length, length can be customized / UV resistant
Connectors Type	MC4 original
Frame	Anodised aluminum alloy
Encapsulant	EPE
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 2.0mm Anti-reflective solar glass (B) 2.0mm solar glass

Shipping Configurations

	HC	GP
Container Size	40'	20'
Pallets Per Container	26	6
Modules Per Pallet (pcs)	36	36
Modules Per Container (pcs)	936	216

ANHUI HUASUN ENERGY CO., LTD.

HS-166-B120DS-V202301 © Anhui Huasun Energy Co., Ltd. reserves all rights.

NO.99 Qingliu Road, Economic and Technological Development Zone, Xuancheng, Anhui, China

Tel: 0086-563-3318095 www.huasunsolar.com

sales@huasunsolar.com customerservice@huasunsolar.com