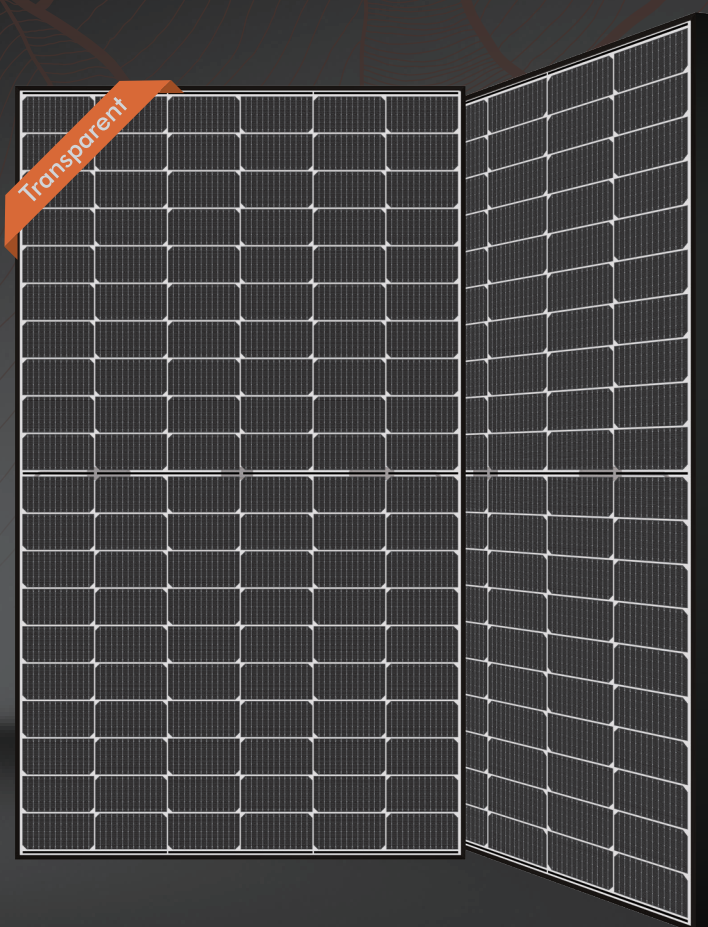


Himalaya M6 Black Series 380-400W

120-cell Bifacial Transparent HJT HCC
Solar Module



22% Industrial Benchmark
Up to 22% efficiency for black module



SMBB HJT Half-Cut Technology
Unique 12BB HJT Cell with Half-cut design



Aesthetical Design
Black but transparent outfit, elegant for any rooftop



Maximum Durability & Reliability
15/30 years warranty, long-term high performance ensured

WARRANTY

Product
Warranty **25**
years

Linear
Power
Warranty **30**
years



Scan&Download

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.

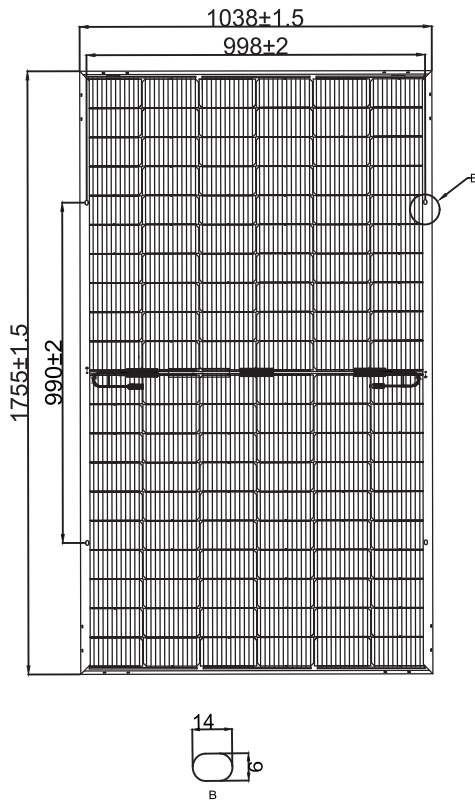


Himalaya M6 Black Series 380-400W

120-cell Bifacial Transparent HJT HCC Solar Module

Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

Model	HS-B120	HS-B120	HS-B120	HS-B120	HS-B120
	DSN380-B	DSN385-B	DSN390-B	DSN395-B	DSN400-B
Maximum Power (P _{max})	380W	385W	390W	395W	400W
Module Efficiency (%)	20.9%	21.1%	21.4%	21.7%	22.0%
Optimum Operating Voltage (V _{mp})	37.09V	37.15V	37.23V	37.32V	37.43V
Optimum Operating Current (I _{mp})	10.27A	10.37A	10.49A	10.60A	10.70A
Open Circuit Voltage (V _{oc})	44.47V	44.57V	44.67V	44.77V	44.87V
Short Circuit Current (I _{sc})	10.72A	10.82A	10.92A	11.02A	11.12A
Operating Module Temperature	-40 to +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	20A				
Power Tolerance	0~+5W				
Bifaciality	90% ± 5%				

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

BSTC**

Maximum Power (P _{max})	425W	430W	435W	440W	445W
Optimum Operating Voltage (V _{mp})	38.49V	38.70V	38.87V	39.18V	39.50V
Optimum Operating Current (I _{mp})	11.13A	11.18A	11.22A	11.28A	11.32A
Open Circuit Voltage (V _{oc})	45.61V	45.88V	46.21V	46.84V	47.54V
Short Circuit Current (I _{sc})	11.54A	11.58A	11.61A	11.64A	11.66A

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

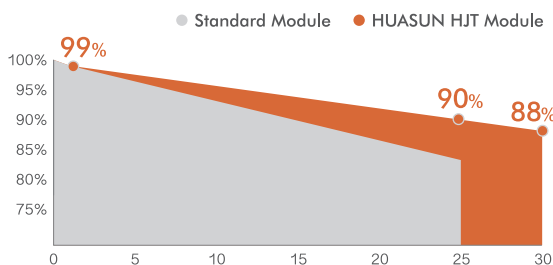
Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficiency of P _{max}	-0.26%/°C
Temperature Coefficiency of V _{oc}	-0.24%/°C
Temperature Coefficiency of I _{sc}	0.04%/°C

Safety & Warranty

Safety Class	Class II
Fire Rating	Class A
Product Warranty	25 yrs Workmanship
Performance Warranty	30 yrs Linear Warranty*

* 1st year 99%, after 2nd year 0.375% annual degradation to year 30.



* Refer to HUASUN standard warranty for details

Mechanical Characteristics

Cell Type	HJT Mono 166 x 83 mm
Cell Connection	120 (60×2)
Module Dimension	1755 x 1038 × 30 mm
Weight	23.5 kg
Junction Box	IP67 / IP68
Output Cable	4mm ² , 200mm in length, length can be customized / UV Resistant
Connectors Type	MC4 Compatible
Frame	Anodised Aluminum Alloy
Encapsulant	POE
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

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