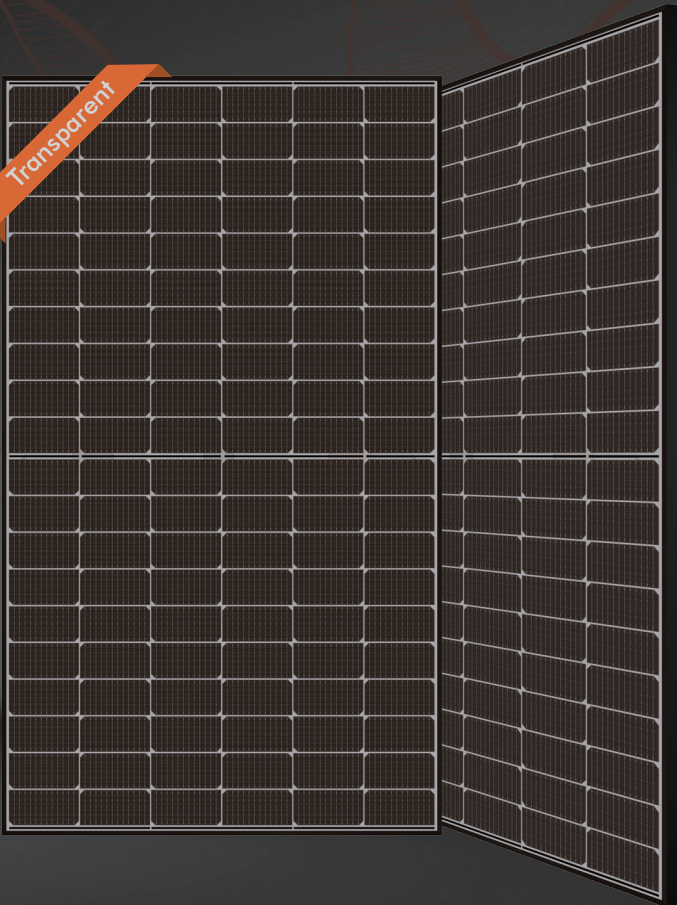


# Himalaya M6 Black Series 380-400W

120-cell Bifacial G-G 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 **15**  
years

Linear  
Power  
Warranty **30**  
years



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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.



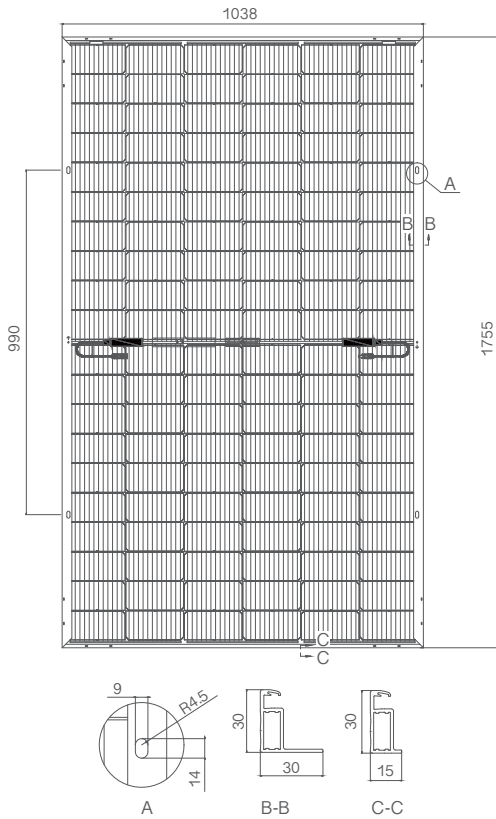
# Himalaya M6 Black Series 380-400W

## 120-cell Bifacial G-G 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 (Pmax)            | 380W          | 385W     | 390W     | 395W     | 400W     |
| Module Efficiency (%)           | 20.9%         | 21.1%    | 21.4%    | 21.7%    | 22.0%    |
| Optimum Operating Voltage (Vmp) | 37.09V        | 37.15V   | 37.23V   | 37.32V   | 37.43V   |
| Optimum Operating Current (Imp) | 10.27A        | 10.37A   | 10.49A   | 10.60A   | 10.70A   |
| Open Circuit Voltage (Voc)      | 44.47V        | 44.57V   | 44.67V   | 44.77V   | 44.87V   |
| Short Circuit Current (Isc)     | 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/m<sup>2</sup>, cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

### BSTC\*\*

|                                 |        |        |        |        |        |
|---------------------------------|--------|--------|--------|--------|--------|
| Maximum Power (Pmax)            | 425W   | 430W   | 435W   | 440W   | 445W   |
| Optimum Operating Voltage (Vmp) | 38.49V | 38.70V | 38.87V | 39.18V | 39.50V |
| Optimum Operating Current (Imp) | 11.13A | 11.18A | 11.22A | 11.28A | 11.32A |
| Open Circuit Voltage (Voc)      | 45.61V | 45.88V | 46.21V | 46.84V | 47.54V |
| Short Circuit Current (Isc)     | 11.54A | 11.58A | 11.61A | 11.64A | 11.66A |

\*\*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.

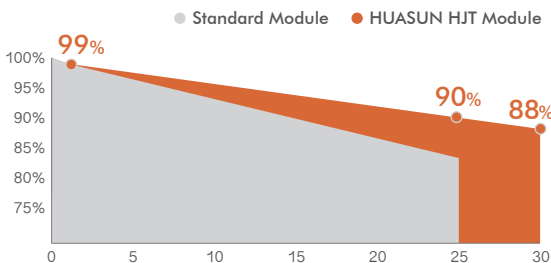
### Temperature Characteristics

|                                     |              |
|-------------------------------------|--------------|
| Nominal Operating Cell Temp. (NOCT) | 44 °C ± 2 °C |
| Temperature Coefficient of Pmax     | -0.26%/°C    |
| Temperature Coefficient of Voc      | -0.24%/°C    |
| Temperature Coefficient of Isc      | 0.04%/°C     |

### Safety & Warranty

|                      |                         |
|----------------------|-------------------------|
| Safety Class         | Class II                |
| Fire Rating          | Class A                 |
| Product Warranty     | 15 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 <sup>2</sup> , 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 |

ANHUI HUASUN ENERGY CO., LTD.

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