


Light
Weight **19.5kg**



Module power
up to **400W**



SUPER LIGHT FULL BLACK HJT MODULE

Ideal for _____
Residential Rooftops

**1.6mm
Glass**



**Full Black
EVA**



**Stronger
Frame**



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.



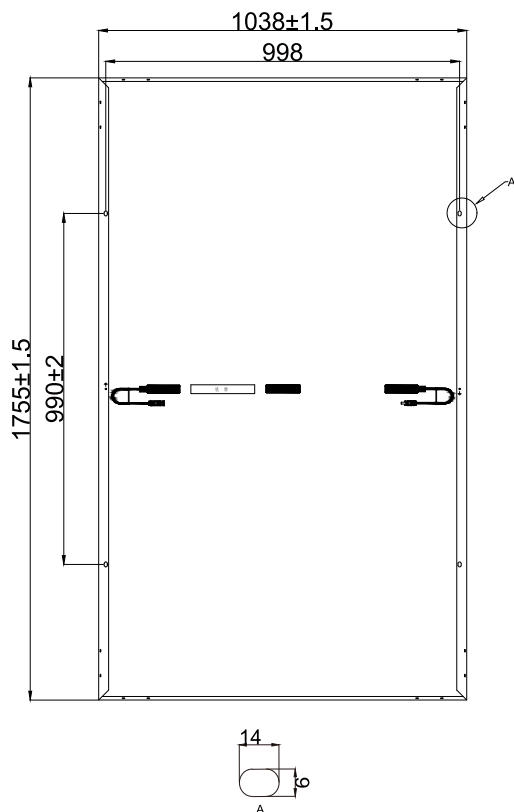
Himalaya M6 Black Series 380-400W

120-cell HJT Black Solar Module/Best Choice for Residential



Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

| Model | HS-S120 | HS-S120 | HS-S120 | HS-S120 | HS-S120 |
|---------------------------------|---------------|---------|---------|---------|---------|
| | DSB380 | DSB385 | DSB390 | DSB395 | DSB400 |
| Maximum Power (Pmax) | 380W | 385W | 390W | 395W | 400W |
| Module Efficiency (%) | 20.86% | 21.13% | 21.41% | 21.70% | 21.96% |
| Optimum Operating Voltage (Vmp) | 38.11V | 38.30V | 38.49V | 38.68V | 38.87V |
| Optimum Operating Current (Imp) | 9.97A | 10.05A | 10.13A | 10.21A | 10.29A |
| Open Circuit Voltage (Voc) | 44.83V | 45.31V | 45.61V | 45.90V | 46.20V |
| Short Circuit Current (Isc) | 10.54A | 10.56A | 10.62A | 10.68A | 10.74A |
| Operating Module Temperature | -40 ~ +85 °C | | | | |
| Maximum System Voltage | DC1500V (IEC) | | | | |
| Maximum Series Fuse | 20A | | | | |
| Power Tolerance | 0~+5W | | | | |

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

NOCT**

| | | | | | |
|---------------------------------|--------|--------|--------|--------|--------|
| Maximum Power (Pmax) | 289W | 293W | 297W | 300W | 304W |
| Optimum Operating Voltage (Vmp) | 35.95V | 36.18V | 36.36V | 36.46V | 36.68V |
| Optimum Operating Current (Imp) | 8.04A | 8.10A | 8.17A | 8.23A | 8.29A |
| Open Circuit Voltage (Voc) | 42.79V | 43.24V | 43.53V | 43.81V | 44.09V |
| Short Circuit Current (Isc) | 8.50A | 8.51A | 8.56A | 8.61A | 8.66A |

**NOCT: Irradiance 800W/m², Ambient Temperature 20 °C, Wind Speed 1m/s.

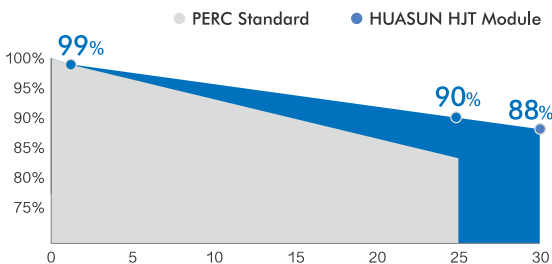
Temperature Characteristics

| | |
|-------------------------------------|--------------|
| 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 | 30 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

Mechanical Characteristics

| | |
|------------------|--|
| Cell Type | HJT Mono 166 × 83mm |
| Cell Connection | 120 (6 × 20) |
| Module Dimension | 1755 × 1038 × 30 mm |
| Weight | 19.5 kg |
| Junction Box | IP68 |
| Output Cable | 4mm ² , 1200mm in length, length can be customized / UV resistant |
| Connectors Type | MC4 original |
| Frame | Anodised aluminum alloy |
| Front Load | 5400 Pa |
| Rear Load | 2400 Pa |
| Glass Thickness | (F) 1.6mm anti-reflective solar glass (B) 1.6mm 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.

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