

# HEX<sub>4</sub>

# BSM370M-60HPH

**166** Black Half-cut Mono PERC 355 W- 370 W  
Efficiency up to 20.3%

## Made In Thailand

- Long Beach, CA Stock**
- Same Day Shipping**
- Best Residential Selling (1.7GW Shipped)**

- Dimensions: 1755\*1038\*35mm
- Weight: 21kg
- Max. System Voltage: 1500 V (IEC/UL)

### GREAT PERFORMANCE AND RELIABILITY

- ★ Mono Perc Half Cut Technology
- ★ Better Energy Yield
- ★ Power Degradation -0.45%/25 Years Linear Warranty
- ★ TUV SUD Anti PID Certificated
- ★ IP68 Junction Box/High Water Proof Level
- ★ Reduced Hot Spot Risk

### PERFORMANCE WARRANTY

- 12** Years Enhanced Product Warranty on Materials and Workmanship\*
- 25** Years Linear Power Performance Warranty\*  
\*According to the applicable Bluesun Solar Limited Warranty Statement.

### MANAGEMENT SYSTEM CERTIFICATES

- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems

### PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 61730



### BLUESUN SOLAR CO.,LTD

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US Warehouse Location: Long Beach, CA

\*Release BSM370M-60HPH(355-370W)\_V.23\_08

## ELECTRICAL PARAMETERS

### Performance at STC (Power Tolerance 0 ~ +3%)

Maximum Power (Pmax/W)	355	360	365	370
Operating Voltage (Vmpp/V)	34.0	34.3	34.6	34.9
Operating Current (Impp/A)	10.45	10.50	10.56	10.61
Open-Circuit Voltage (Voc/V)	40.5	40.7	40.9	41.1
Short-Circuit Current (Isc/A)	11.10	11.15	11.20	11.26
Module Efficiency ηm(%)	19.4	19.7	20.0	20.3

### Performance at NMOT

Maximum Power (Pmax/W)	264	267	271	274
Operating Voltage (Vmpp/V)	31.4	31.6	31.9	32.1
Operating Current (Impp/A)	8.43	8.46	8.50	8.55
Open-Circuit Voltage (Voc/V)	37.7	37.9	38.0	38.2
Short-Circuit Current (Isc/A)	8.96	9.00	9.04	9.09

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5    NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

## MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	166*166mm
Cell Arrangement	120 (6*20)
Weight	21kg (46.3lbs)
Module Dimensions	1755*1038*35mm (69.09*40.87*1.38inches)
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm <sup>2</sup> (0.006inches <sup>2</sup> )/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	31pcs/carton, 806pcs/40hq
Packing Configuration (for USA)	31pcs/carton, 806pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

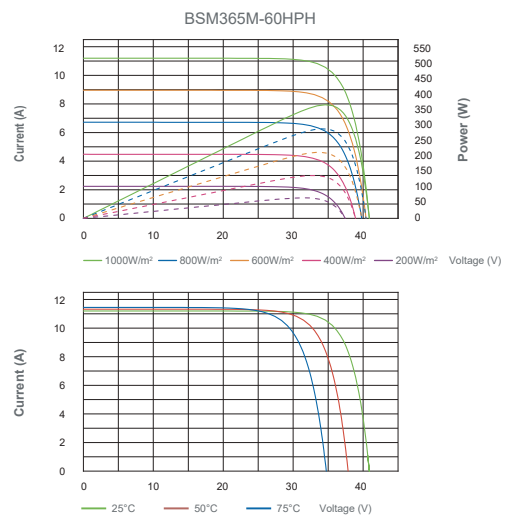
## OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V/DC(IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	20A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/MC4-EVO2

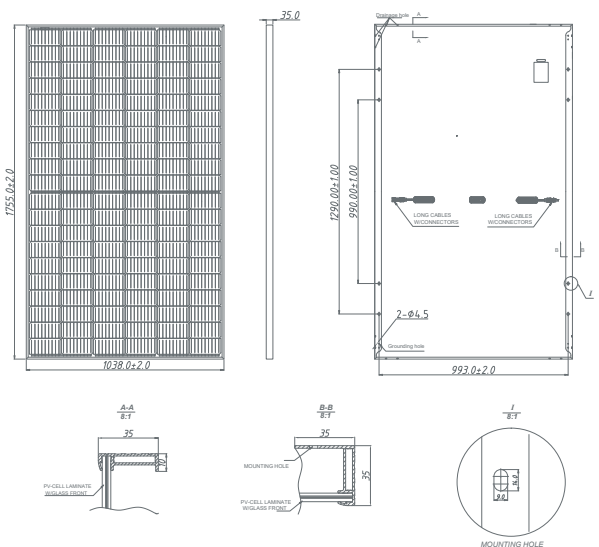
## TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.36%/°C
Temperature Coefficient Voc	-0.26%/°C
Temperature Coefficient Isc	+0.043%/°C
NMOT	43±2°C

## I-V CURVE



## TECHNICAL DRAWINGS



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