

HEX₄

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



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US Warehouse Location: Long Beach, CA

*Release BSM370M-60HPH(355-370W)_V23_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/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², 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 ² (0.006inches ²)/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 |

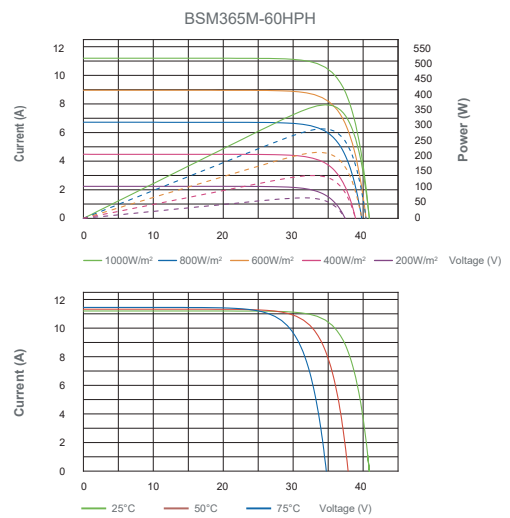
OPERATING CONDITIONS

| | |
|------------------------|--|
| 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 |

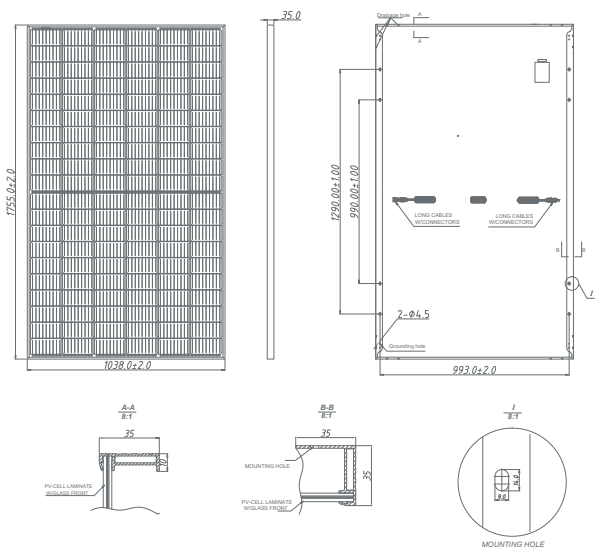
TEMPERATURE COEFFICIENT

| | |
|------------------------------|------------|
| 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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