

370 Watt 24 Volt Solar Panel

166 Black Half-cut Mono PERC
Efficiency up to 20.3%

- Portland, Oregon Stock**
- Same Day Shipping**
- Best Residential Selling (1.7GW Shipped)**

- Dimensions: 69.09 in. x 40.87 in. x 1.38 in.
- Weight: 46.3 lbs
- Max. System Voltage: 1500 V (IEC/UL)

GREAT PERFORMANCE AND RELIABILITY

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

PERFORMANCE WARRANTY

15 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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ELECTRICAL PARAMETERS

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

Maximum Power (Pmax/W)	370
Operating Voltage (Vmpp/V)	34.9
Operating Current (Impp/A)	10.61
Open-Circuit Voltage (Voc/V)	41.1
Short-Circuit Current (Isc/A)	11.26
Module Efficiency ηm(%)	20.3

Performance at NMOT

Maximum Power (Pmax/W)	274
Operating Voltage (Vmpp/V)	32.1
Operating Current (Impp/A)	8.55
Open-Circuit Voltage (Voc/V)	38.2
Short-Circuit Current (Isc/A)	9.09

STC: Irradiance 1000W/m², Cell Temperature 77°F, Air Mass AM1.5

NMOT: Irradiance at 800W/m², Ambient Temperature 32°F, Air Mass AM1.5, Wind Speed 1m/s

MECHANICAL SPECIFICATION

Cell Type	Monocrystalline
Cell Dimensions	6.56 in. x 6.56 in.
Cell Arrangement	120 (6*20)
Weight	46.3 lbs
Module Dimensions	69.09 in. x 40.87 in. x 1.38 in.
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm ² 0.006inches ² /UL: 12AWG
Front Glass	0.13 in. 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

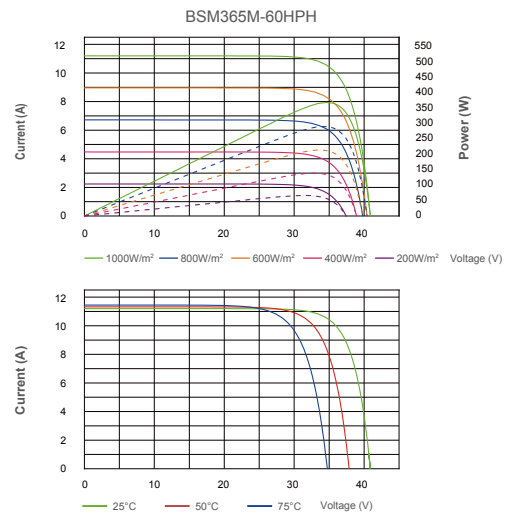
OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V/DC(IEC)
Operating Temperature	-40°F ~ +185°F
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

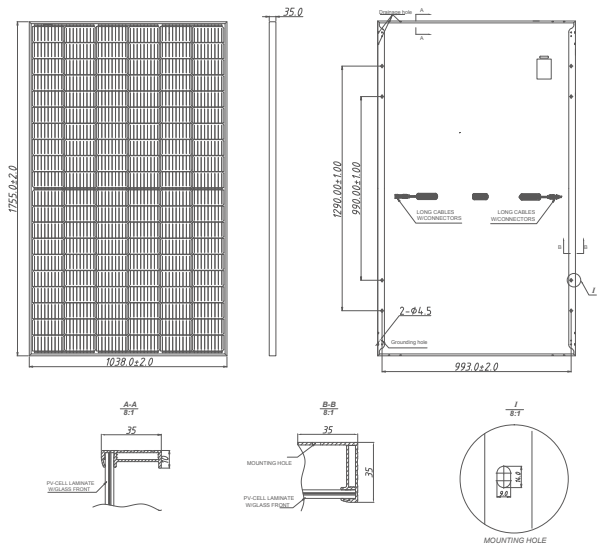
TEMPERATURE COEFFICIENT

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

I-V CURVE



TECHNICAL DRAWINGS



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