SOLAR BLUESUN

Your Best PV Supplier

BSM380M-72/5BB

Monocrystalline 72 cells 360w-380w

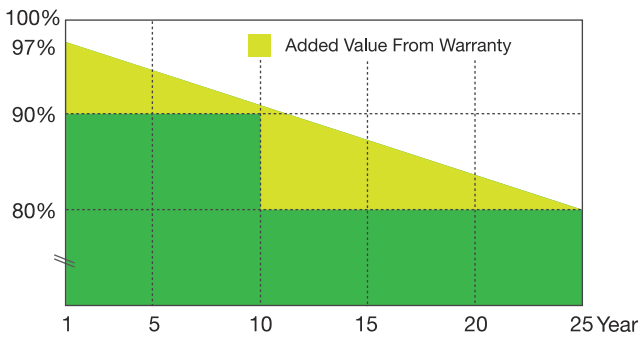


Key Features

- Monocrystalline modules designed for commercial and solar farm grid-tied applications
- High power output and highest conversion efficiency
- Anti-reflective and anti-soiling surface reduces power loss from dirt and dust
- Outstanding performance in low-light irradiance environments
- Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)
- High salt and ammonia resistance certified by TÜV NORD

Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

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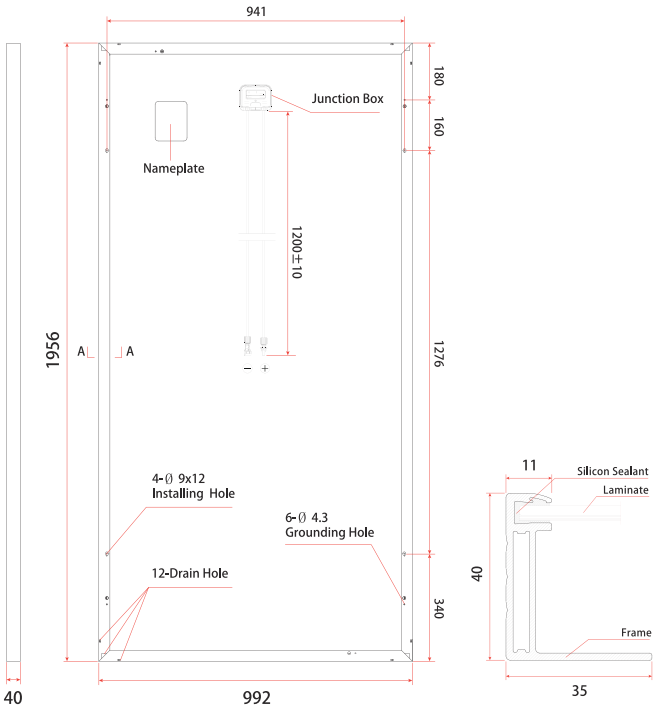
Mechanical Parameters

Solar Cells	156.75 × 156.75 mm (6 inches)
Cell Orientation	72 cells (6 × 12)
Module Dimensions	1956 × 992 × 40 mm (77.0 × 39.1 × 1.57 inches)
Weight	26.0 kg (57.3 lb) with 4.0 mm glass; 22.5 kg (49.6 lb) with 3.2 mm glass
Glass	4.0 mm (0.16 inches) for PERC Mono; 3.2 mm (0.13 inches) for Std Mono, High Transmission, AR Coated Tempered Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm² (0.006 inches²), 1200 mm (47.2 inches)
Connector	MC4

Working Conditions

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind) Maximum Static Load, Back (e.g., wind)	5400Pa (112 lb/ft²) 2400Pa (50 lb/ft²)
NOCT	45±2℃
Application Class	Class A

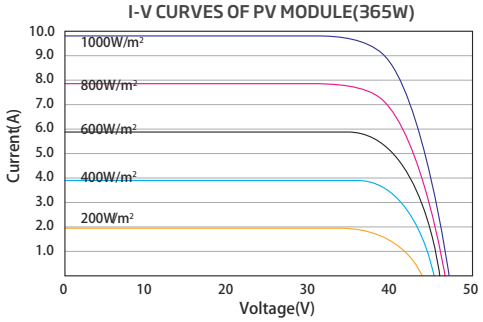
Engineering Drawings

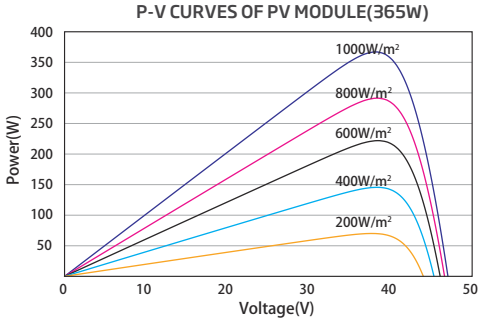


Electrical Parameters

Module	BSM360M-72	BSM365M-72	BSM370M-72	BSM375M-72	BSM380M-72
Peak Power Watts-P MAX (Wp)*	360	365	370	375	380
Power Output Tolerance-P MAX (W)			0 ~ +5		
Maximum Power Voltage-V MPP (V)	39.01	39.38	39.40	39.45	39.55
Maximum Power Current-I MPP (A)	9.23	9.27	9.41	9.51	9.61
Open Circuit Voltage-V OC (V)	47.44	47.67	47.81	47.93	48.06
Short Circuit Current-I SC (A)	9.77	9.84	9.89	9.95	10.11
Module Efciency ηm (%)	18.6	18.8	19.1	19.3	19.6

I-V Curve





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