



Advancing the Power of the Sun

72 Cell Mono  
365-385W

BVM6612M

0~+5W  
Power Tolerance

19.9%  
Maximum Efficiency

365-385W  
Power Output Range



39.06 x 77.01 Inches

Silver Frame / White Backsheet



High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 2 EL inspections per cell/module for defect-free consistency
- ◆ Type 1 fire-rating per UL 1703 edition 3
- ◆ High salt and ammonia resistance certified by TUV Rheinland
- ◆ 0~+5 W guaranteed positive tolerance
- ◆ Rugged design for long-term durability; passed extended reliability tests



Warranty

- ◆ 12-year product warranty
- ◆ 25-year linear power output warranty



Comprehensive Certificates for Products and Management

- ◆ UL 1703, IEC 61215, IEC 61730, CEC listed, MCS and CE
- ◆ ISO 9001 for Quality Management Systems
- ◆ ISO 14001 for Environmental Management Systems
- ◆ OHSAS 18001 Occupational Health and Safety Systems

Listed in Bloomberg New Energy Finance's tier 1 list as of 1Q 2018



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## Electrical Characteristics STC

	BVM6612M-365	BVM6612M-370	BVM6612M-375	BVM6612M-380	BVM6612M-385
Maximum Power (Pmax)	365W	370W	375W	380W	385W
Maximum Power Current (Imp)	9.40A	9.50A	9.58A	9.66A	9.74A
Maximum Power Voltage (Vmp)	38.90V	39.02V	39.22V	39.41V	39.60V
Short Circuit Current (Isc)	9.79A	9.89A	9.96A	10.04A	10.11A
Open Circuit Voltage (Voc)	47.6V	47.7V	48.00V	48.30V	48.50V
Module Efficiency	18.8%	19.1%	19.3%	19.6%	19.8%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m <sup>2</sup> , 25°C					

## Electrical Characteristics NOCT

	BVM6612M-365	BVM6612M-370	BVM6612M-375	BVM6612M-380	BVM6612M-385
Maximum Power (Pmax)	269W	273W	277W	281W	284W
Maximum Power Current (Imp)	7.50A	7.57A	7.64A	7.71A	7.77A
Maximum Power Voltage (Vmp)	35.9V	36.1V	36.3V	36.5V	36.6V
Short Circuit Current (Isc)	7.98A	8.05A	8.12A	8.19A	8.26A
Open Circuit Voltage (Voc)	44.0V	44.3V	44.6V	44.9V	45.2V
NOCT: AM1.5, Irradiance 800W/m <sup>2</sup> , 20°C, Wind speed 1m/s					

## Mechanical Characteristics      Thermal Characteristics

Solar Cell	Monocrystalline 6.14 x 6.14 inch, 72 (6 x 12) pcs. in series	Pmax Temperature Coefficient	-0.40%/K
Glass	High transparency, low iron, AR coated tempered glass 3.2 mm (0.13 inch)	Voc Temperature Coefficient	-0.31%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.06%/K
Junction Box	IP67 rated, with 3 bypass diode	NOCT	113±3.6°F
Output Cable	4 mm <sup>2</sup> (EU)/12 AWG (US), 43.30/47.244 inch		
Connector	MC4 compatible		
Dimension	77.01 x 39.06 x 1.38 inch		
Weight	49.61 lb		

## Maximum Ratings      Packing Information

Operating Temperature	-40°F~185°F	Pieces per pallet	30
Maximum Series Fuse Rating	20A	Pallets per container (40HQ)	24
Maximum System Voltage	1000/1500V DC	Pieces per container (40HQ)	720
		Pallet weight/size	1620.4 lb/78.35 x 43.31 x 45.08 inch

