



Advancing the Power of the Sun

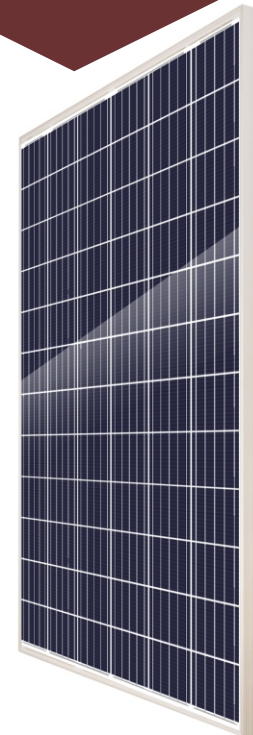
72 Cell Mono  
380-395W

BVM6612M(L)

0~+5W  
Power Tolerance

19.8%  
Maximum Efficiency

380-395W  
Power Output Range



39.53 x 78.27 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 61730
- ◆ High salt and ammonia resistance certified
- ◆ 0~+5 W guaranteed positive tolerance
- ◆ Rugged design for long-term durability; passed extended reliability tests



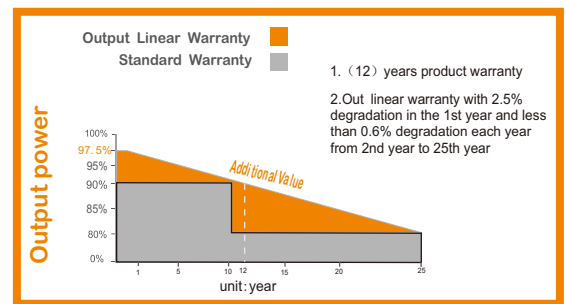
Warranty

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



Comprehensive Certificates for Products and Management

- ◆ UL 61730, 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-380L-H	BVM6612M-385L-H	BVM6612M-390L-H	BVM6612M-395L-H
Maximum Power (Pmax)	380W	385W	390W	395W
Maximum Power Current (Imp)	9.66A	9.74A	9.82A	9.90A
Maximum Power Voltage (Vmp)	39.41V	39.60V	39.79V	39.98V
Short Circuit Current (Isc)	10.19A	10.26A	10.33A	10.42A
Open Circuit Voltage (Voc)	48.25V	48.45V	48.65V	48.85V
Module Efficiency	19.0%	19.3%	19.5%	19.8%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m <sup>2</sup> , 25°C				

## Electrical Characteristics NOCT

	BVM6612M-380L-H	BVM6612M-385L-H	BVM6612M-390L-H	BVM6612M-395L-H
Maximum Power (Pmax)	281W	284W	286W	290W
Maximum Power Current (Imp)	7.71A	7.77A	7.81A	7.86A
Maximum Power Voltage (Vmp)	36.5V	36.6V	36.7V	36.9V
Short Circuit Current (Isc)	8.19A	8.26A	8.33A	8.40A
Open Circuit Voltage (Voc)	44.9V	45.2V	45.5V	45.8V
NOCT: AM1.5, Irradiance 800W/m <sup>2</sup> , 20°C, Wind speed 1m/s				

## Mechanical Characteristics

## Thermal Characteristics

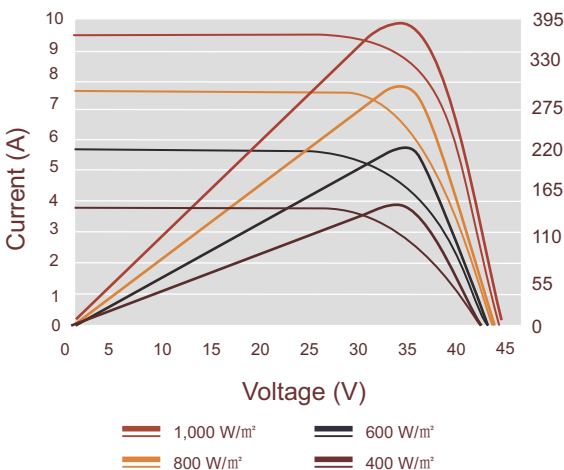
Solar Cell	Monocrystalline 6.25 x 6.25 inch, 72 (6 x 12) pcs. in series	Pmax Temperature Coefficient	-0.40%/K
Glass	High transparency, low iron, AR coated tempered glass 3.2 mm (0.13 inch)	Voc Temperature Coefficient	-0.31%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.06%/K
Junction Box	IP67 rated, with 3 bypass diode	NOCT	113±3.6°F
Output Cable	4 mm <sup>2</sup> (EU)/12 AWG (US), 47.25 inch		
Connector	MC4 compatible		
Dimension	78.27 x 39.53 x 1.38 inch		
Weight	51.81 lb		

## Maximum Ratings

## Packing Information

Operating Temperature	-40°F~185°F	Pieces per pallet	30
Maximum Series Fuse Rating	20A	Pallets per container (40HQ)	22
Maximum System Voltage	1000/1500V DC	Pieces per container (40HQ)	660
		Pallet weight/size	1630.5 lb/79.28 x 43.31 x 45.08 inch

I-V Curves at Different Irradiances (390W)  
Test Temperature: 25°C



Irradiance: AM 1.5, 1,000W/m<sup>2</sup>(390W)

