



Advancing the Power of the Sun

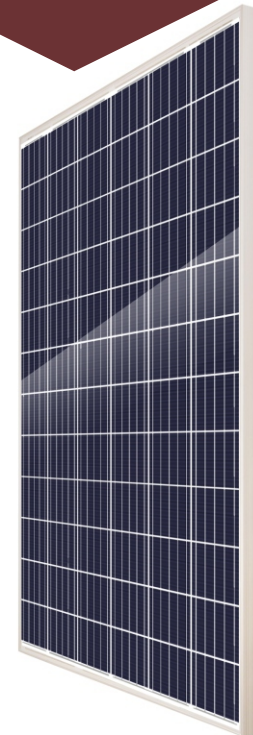
72 Cell Mono
385-400W

BVM6612M(L)

0~+5W
Power Tolerance

20.0%
Maximum Efficiency

385-400W
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



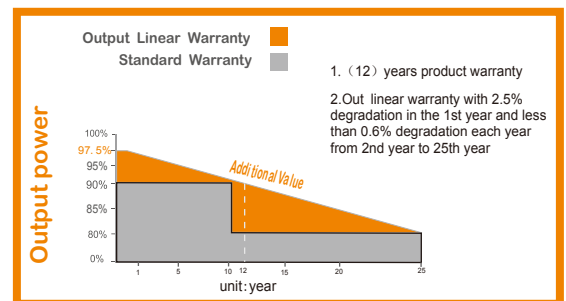
Warranty

- ◆ 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-385L-H	BVM6612M-390L-H	BVM6612M-395L-H	BVM6612M-400L-H
Maximum Power (Pmax)	385W	390W	395W	400W
Maximum Power Current (Imp)	9.74A	9.82A	9.90A	9.98A
Maximum Power Voltage (Vmp)	39.60V	39.79V	39.97V	40.16V
Short Circuit Current (Isc)	10.26A	10.33A	10.42A	10.45A
Open Circuit Voltage (Voc)	48.45V	48.65V	48.85V	49.15V
Module Efficiency	19.3%	19.5%	19.8%	20.0%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m ² , 25°C				

Electrical Characteristics NOCT

	BVM6612M-385L-H	BVM6612M-390L-H	BVM6612M-395L-H	BVM6612M-400L-H
Maximum Power (Pmax)	284W	286W	290W	295W
Maximum Power Current (Imp)	7.77A	7.81A	7.86A	7.93A
Maximum Power Voltage (Vmp)	36.6V	36.7V	36.9V	37.20V
Short Circuit Current (Isc)	8.26A	8.33A	8.40A	8.47A
Open Circuit Voltage (Voc)	45.2V	45.5V	45.8V	46.1V

NOCT: AM1.5, Irradiance 800W/m², 20°C, Wind speed 1m/s

Mechanical Characteristics

Thermal Characteristics

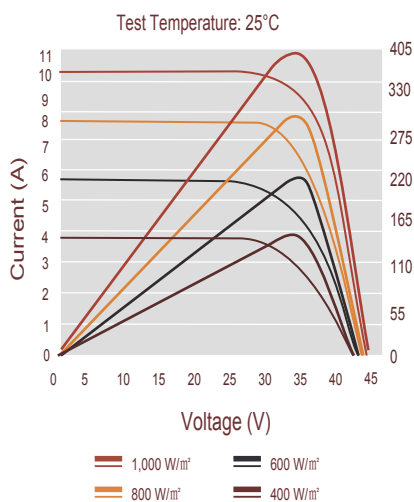
Solar Cell	Monocrystalline 6.25 x 6.25 inch, 72 (6 x 12) pcs. in series	Pmax Temperature Coefficient	-0.40%/K
Glass	High transparency, low iron, AR coated tempered glass 3.2 mm (0.13 inch)	Voc Temperature Coefficient	-0.31%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.06%/K
Junction Box	IP68 rated, with 3 bypass diode	NOCT	113±35.6°F
Output Cable	4 mm ² (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 (400W)



Irradiance: AM 1.5, 1,000W/m²(400W)

