



Advancing the Power of the Sun

# Bifacial Module 385-400W

BVM6612M(L)-(SERIES)BF

0~+5W

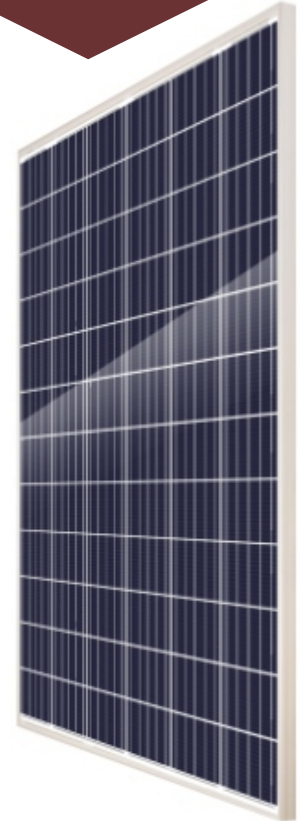
Power Tolerance

19.8%

Maximum Efficiency

385-400W

Power Output Range



39.45x79.33 Inches

Silver Frame / Transparent Backsheet



### High Quality and Reliable Modules

- ◆ Transparent backplane technology, more power generation
- ◆ 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



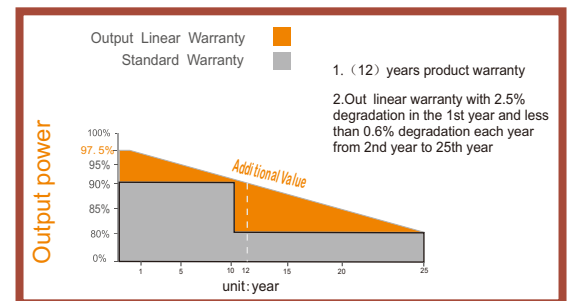
### Warranty

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



### Comprehensive Certificates for Products and Management

- ◆ UL61730, 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-BF	BVM6612M-390L-H-BF	BVM6612M-395L-H-BF	BVM6612M-400L-H-BF
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	39.98V	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	19.1%	19.3%	19.6%	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-385L-H-BF	BVM6612M-390L-H-BF	BVM6612M-395L-H-BF	BVM6612M-400L-H-BF
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/m <sup>2</sup> , 20°C, Wind speed 1m/s				

Mechanical Characteristics		Thermal Characteristics	
Solar Cell	Bifacial-Monocrystalline 6.25 x 6.25 inch, 72 (6 x 12) pcs. in series	Pmax Temperature Coefficient	-0.38%/K
Glass	High transparency, low iron, AR coated tempered glass 3.2 mm (0.13 inch)	Voc Temperature Coefficient	-0.30%/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), 15.76 inch		
Connector	MC4 compatible		
Dimension	79.33x39.45x1.38 Inches		
Weight	52.91lb		

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	1683.5 lb/80.66 x 43.31 x 45.88 inch

### Bifacial Output-Backside Power Gain

10%	Pmax (W)	423	429	434	440
	Module efficiency (%)	20.91	21.21	21.45	21.75
20%	Pmax (W)	462	468	474	480
	Module efficiency (%)	22.84	23.13	23.43	23.73

