



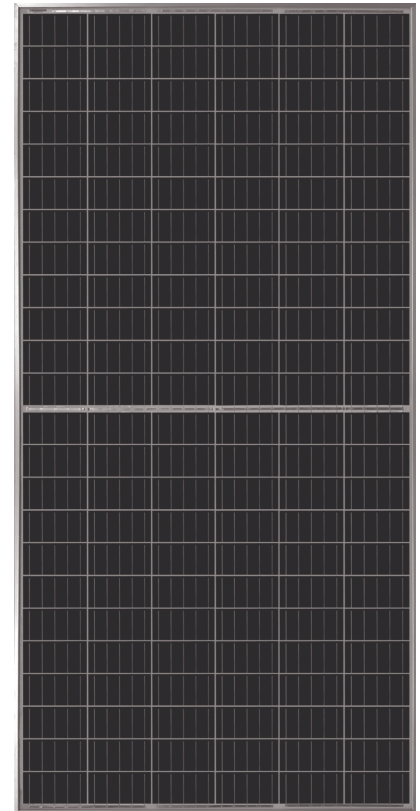
72 Cell Mono
390-410L(9BB)

BVM6612M-HC

0~+5W
Power Tolerance

20.37%
Maximum Efficiency

390-410W
Power Output Range



2008 x 1002 x 40 mm

Silver Frame/ White Backsheet



High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000/1500V DC TUV certified
- ◆ 2 EL inspections per cell/module for defect-free consistency
- ◆ Fire Rating Class C by TUV Rheinland
- ◆ 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



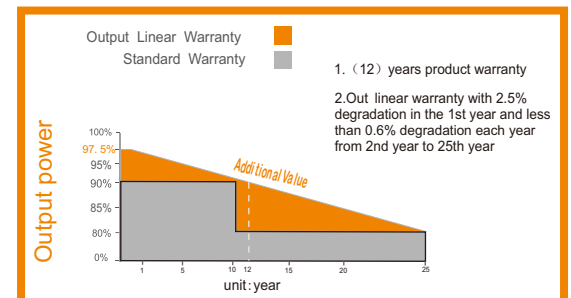
Warranty

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



Comprehensive Certificates for Products and Management

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



Boviet Solar www.boviet.com

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Electrical Characteristics STC

	BVM6612M-390L-HC	BVM6612M-395L-HC	BVM6612M-400L-HC	BVM6612M-405L-HC	BVM6612M-410L-HC
Maximum Power (Pmax)	390W	395W	400W	405W	410W
Maximum Power Current (Imp)	9.82A	9.90A	9.98A	10.06A	10.14A
Maximum Power Voltage (Vmp)	39.72V	39.90V	40.09V	40.26V	40.44V
Short Circuit Current (Isc)	10.26A	10.34A	10.42A	10.50A	10.58A
Open Circuit Voltage (Voc)	48.87V	49.06V	49.24V	49.43V	49.62V
Module Efficiency	19.38%	19.63%	19.88%	20.12%	20.37%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m ² , 25°C					

Electrical Characteristics NOCT

	BVM6612M-390L-HC	BVM6612M-395L-HC	BVM6612M-400L-HC	BVM6612M-405L-HC	BVM6612M-410L-HC
Maximum Power (Pmax)	289W	292W	296W	300W	303W
Maximum Power Current (Imp)	7.91A	7.97A	8.04A	8.10A	8.16A
Maximum Power Voltage (Vmp)	36.54V	36.64V	36.82V	37.04V	37.14V
Short Circuit Current (Isc)	8.27A	8.34A	8.40A	8.46A	8.51A
Open Circuit Voltage (Voc)	44.96V	45.05V	45.23V	45.48V	45.58V
NOCT: AM1.5, Irradiance 800W/m ² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Thermal Characteristics

Solar Cell	Monocrystalline 158.75x79.375mm, 144 (6 x 24) pcs in series	Pmax Temperature Coefficient	-0.390%/°C
Glass	High transparency, low iron, tempered glass 3.2 mm	Voc Temperature Coefficient	-0.295%/°C
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.039%/°C
Junction Box	Ip68 rated, with 3 bypass diode	NOCT	45±2°C
Cable	4mm ² (EU)/1200 mm long		
Connector	MC4 Compatible		
Dimension	2008x1002x40 mm		
Weight	21.6 KG		

Packing Information

Operating Temperature	-40~85°C	Pieces per pallet	27
Maximum Series Fuse Rating	15/20 A	Pallets per container (40HQ)	22
Maximum System Voltage	Standard 1000V, 1500V on request	Pieces per container (40HQ)	594
		Pallet weight/size	633 KG/ 2042*1140*1150mm

Specifications in this datasheet are subject to change without prior notice.

I-V Curves

