



60 Cell Mono
295-315W(5BB)

BVM6610M

0~+5W
Power Tolerance

18.89%
Maximum Efficiency

295-315W
Power Output Range



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

1664 x 1002 x 35 mm
Black Frame / White Backsheet



Boviet Solar www.boviet.com

B5, B6 , Song Khe Industrial Zone, Noi Hoang District Bac Giang Province, 21000 Vietnam

Electrical Characteristics STC

	BVM6610M-295L	BVM6610M-300L	BVM6610M-305L	BVM6610M-310L	BVM6610M-315L
Maximum Power (Pmax)	295W	300W	305W	310W	315W
Maximum Power Current (Imp)	9.39A	9.48A	9.57A	9.66A	9.75A
Maximum Power Voltage (Vmp)	31.42V	31.65V	31.88V	32.10V	32.31V
Short Circuit Current (Isc)	9.83A	9.92A	10.01A	10.10A	10.19A
Open Circuit Voltage (Voc)	39.25V	39.48V	39.71V	39.93V	40.14V
Module Efficiency	17.69%	17.99%	18.29%	18.59%	18.89%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m ² , 25°C					

Electrical Characteristics NOCT

	BVM6610M-295L	BVM6610M-300L	BVM6610M-305L	BVM6610M-310L	BVM6610M-315L
Maximum Power (Pmax)	218W	222W	226W	230W	233W
Maximum Power Current (Imp)	7.57A	7.64A	7.71A	7.79A	7.86A
Maximum Power Voltage (Vmp)	28.80V	29.06V	29.32V	29.53V	29.65V
Short Circuit Current (Isc)	7.92A	8.00A	8.07A	8.14A	8.21A
Open Circuit Voltage (Voc)	35.98V	36.25V	36.52V	36.73V	36.84V
NOCT: AM1.5, Irradiance 800W/m ² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Thermal Characteristics

Solar Cell	Monocrystalline 158.75x158.75mm, 60 (6 x 10) pcs in series	Pmax Temperature Coefficient(%/°C)	-0.39
Glass	High transparency, low iron, tempered glass 3.2 mm	Voc Temperature Coefficient(%/°C)	-0.295
Frame	Anodized aluminum alloy	Isc Temperature Coefficient(%/°C)	+0.039
Junction Box	IP67 rated, with 3 bypass diode	NOCT	45±2°C
Output Cable	4mm ² (EU), 1000 mm long		
Connector	Standard MC4 Compatible, MC4 original on request		
Dimension	1664x1002x35 mm		
Weight	18.9 KG		

Packing Information

Operating Temperature	-40~85°C	Pieces per pallet	30
Maximum Series Fuse Rating	15/20 A	Pallets per container (40HQ)	28
Maximum System Voltage	Standard 1000V, 1500V on request	Pieces per container (40HQ)	840
		Pallet weight/size	613KG/ 1700*1120*1150mm

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

I-V Curves

