



Advancing the Power of the Sun

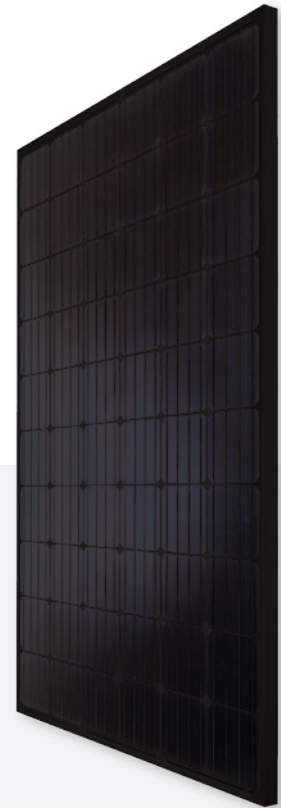
**60 Cell Mono
250-270W**

BVM6610M

0~+5W
Power Tolerance

16.6%
Maximum Efficiency

250-270W
Power Output Range



High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000V DC (UL)
- ◆ 3 EL inspections per cell/module for defect-free consistency
- ◆ Type 1 fire-rating per UL 1703 edition 3
- ◆ 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

- ◆ UL 1703, IEC 61215, IEC 61730, CEC listed, MCS and CE
- ◆ ISO 9001 for Quality Management Systems
- ◆ ISO 14001 for Environmental Management Systems

39.06 x 64.57 Inches
Black Frame / Black Backsheet



Boviet Solar USA ◆ 1740 Technology Dr., Suite 205 ◆ San Jose, CA 95110

BOVIETSOLARUSA.COM ◆ 877.253.2858 ◆ SALES@BOVIETSOLARUSA.COM

Electrical Characteristics STC

	BVM6610M-250	BVM6610M-255	BVM6610M-260	BVM6610M-265	BVM6610M-270
Maximum Power (Pmax)	250W	255W	260W	265W	270W
Maximum Power Current (Imp)	8.15A	8.26A	8.36A	8.50A	8.60A
Maximum Power Voltage (Vmp)	30.7V	30.9V	31.1V	31.2V	31.4V
Short Circuit Current (Isc)	8.68A	8.78A	8.87A	8.98A	9.09A
Open Circuit Voltage (Voc)	37.6V	37.8V	38.0V	38.2V	38.4V
Module Efficiency	15.4%	15.7%	16.0%	16.3%	16.6%
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-250	BVM6610M-255	BVM6610M-260	BVM6610M-265	BVM6610M-270
Maximum Power (Pmax)	186W	189W	194W	197W	201W
Maximum Power Current (Imp)	6.51A	6.59A	6.74A	6.82A	6.89A
Maximum Power Voltage (Vmp)	28.6V	28.7V	28.8V	28.8V	29.2V
Short Circuit Current (Isc)	6.92A	6.96A	7.01A	7.24A	7.36A
Open Circuit Voltage (Voc)	34.3V	34.7V	34.9V	35.2V	36.5V
NOCT: AM1.5, Irradiance 800W/m ² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Thermal Characteristics

Solar Cell	Monocrystalline 6.14 x 6.14 inch, 60 (6 x 10) pcs. in series	Pmax Temperature Coefficient	-0.44%/K
Glass	High transparency, low iron, tempered glass 3.2 mm (0.13 inch)	Voc Temperature Coefficient	-0.35%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.04%/K
Junction Box	IP67 rated, with 3 bypass diode	NOCT	113±3.6°F
Output Cable	4 mm ² (EU)/12 AWG (US), 43.30/47.244 inch		
Connector	MC4 compatible		
Dimension	64.57 x 39.06 x 1.57 inch		
Weight	40.79 lb		

Maximum Ratings

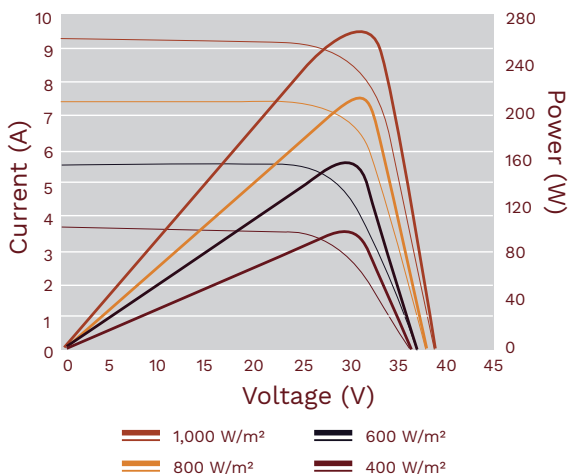
Packing Information

Operating Temperature	-40°F~185°F	Pieces per pallet	26
Maximum Series Fuse Rating	15A	Pallets per container (40HQ)	28
Maximum System Voltage	1000V DC	Pieces per container (40HQ)	728

Pallet weight/size 1177.3 lb/66.77 x 44.25 x 44.68 inch

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

I-V Curves at Different Irradiances (265W)
Test Temperature: 25°C



Irradiance: AM 1.5, 1,000W/m² (265W)

