



Advancing the Power of the Sun

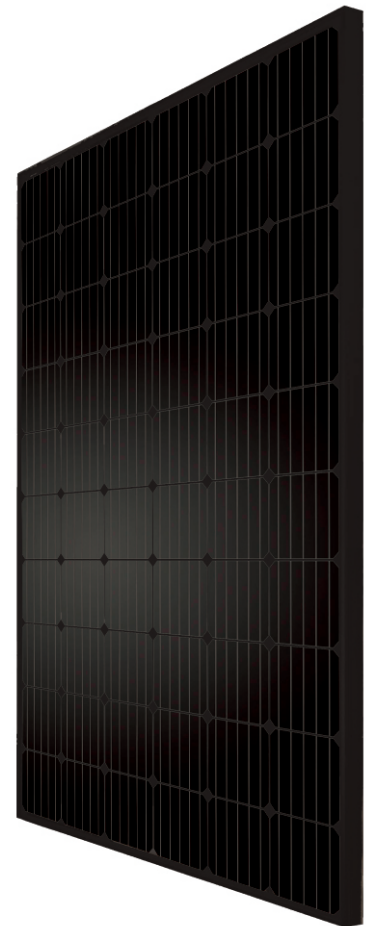
60 Cell Mono
295-315W

BVM6610M

0~+5W
Power Tolerance

19.4%
Maximum Efficiency

295-315W
Power Output Range



39.06 x 64.57 Inches

Black Frame / Black 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 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
- ◆ OHSAS 18001 Occupational Health and Safety Systems

Listed in Bloomberg New Energy Finance's tier 1 list as of 1Q 2018



2107 N 1st Street Suite 550 San Jose, CA 95131

BOVIETSOLARUSA.COM ♦ 877.253.2858 ♦ SALES@BOVIETSOLARUSA.COM

Electrical Characteristics STC					
	BVM6610M-295	BVM6610M-300	BVM6610M-305	BVM6610M-310	BVM6610M-315
Maximum Power (Pmax)	295W	300W	305W	310W	315W
Maximum Power Current (Imp)	9.23A	9.33A	9.43A	9.52A	9.59A
Maximum Power Voltage (Vmp)	32.02V	32.21V	32.40V	32.62V	32.91V
Short Circuit Current (Isc)	9.58A	9.69A	9.79A	9.89A	9.97A
Open Circuit Voltage (Voc)	39.40V	39.50V	39.90V	40.10V	40.50V
Module Efficiency	18.1%	18.4%	18.7%	19.1%	19.4%
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-295	BVM6610M-300	BVM6610M-305	BVM6610M-310	BVM6610M-315
Maximum Power (Pmax)	216W	219W	223W	227W	230W
Maximum Power Current (Imp)	7.40A	7.45A	7.52A	7.59A	7.65A
Maximum Power Voltage (Vmp)	29.31V	29.51V	29.71V	29.91V	30.11V
Short Circuit Current (Isc)	7.88A	7.99A	8.07A	8.15A	8.21A
Open Circuit Voltage (Voc)	36.31V	36.51V	36.91V	37.11V	37.41V
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	-0.40%/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	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 1.38 inch		
Weight	39.68 lb		

Maximum Ratings		Packing Information	
Operating Temperature	-40°F~185°F	Pieces per pallet	30
Maximum Series Fuse Rating	15/20A	Pallets per container (40HQ)	28
Maximum System Voltage	1000/1500V DC	Pieces per container (40HQ)	840
		Pallet weight/size	1307.3 lb/66.06 x 43.31 x 45.08 inch

