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Solar Panel Guide Specification Data Sheet

Boviet Solar Technology Co., Ltd
BVM6610M-310-330 Half Cell
BVM3620M-310L

Also available on the web at
EnergyPal.com/boviet-solar-technology-co-ltd-solar-panels/bvm3620m-310l



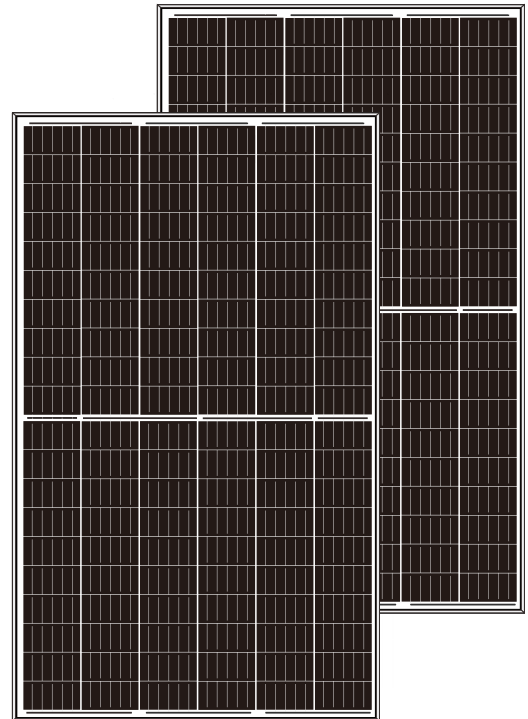
60 Cell Mono
310-330W(5BB)

BVM6610M

0~+5W
Power Tolerance

19.55%
Maximum Efficiency

310-330W
Power Output Range



1684 x 1002 x 35 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

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

Electrical Characteristics STC

	BVM3620M-310L	BVM3620M-315L	BVM3620M-320L	BVM3620M-325L	BVM3620M-330L
Maximum Power (Pmax)	310W	315W	320W	325W	330W
Maximum Power Current (Imp)	9.52A	9.61A	9.70A	9.79A	9.88A
Maximum Power Voltage (Vmp)	32.57V	32.78V	32.99V	33.20V	33.41V
Short Circuit Current (Isc)	9.99A	10.08A	10.17A	10.26A	10.35A
Open Circuit Voltage (Voc)	40.20V	40.42V	40.63V	40.74V	40.94V
Module Efficiency	18.37%	18.66%	18.94%	19.26%	19.55%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m ² , 25°C					

Electrical Characteristics NOCT

	BVM3620M-310L	BVM3620M-315L	BVM3620M-320L	BVM3620M-325L	BVM3620M-330L
Maximum Power (Pmax)	229W	233W	237W	241W	245W
Maximum Power Current (Imp)	7.67A	7.74A	7.82A	7.89A	7.96A
Maximum Power Voltage (Vmp)	29.86V	30.11V	30.31V	30.55V	30.78V
Short Circuit Current (Isc)	8.05A	8.12A	8.19A	8.27A	8.34A
Open Circuit Voltage (Voc)	36.86V	37.13V	37.33V	37.49V	37.72V
NOCT: AM1.5, Irradiance 800W/m ² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Thermal Characteristics

Solar Cell	Monocrystalline 158.75x79.375mm, 120 (6 x 20) 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	1684x1002x35 mm		
Weight	19.2 KG		

Packing Information

Operating Temperature	-40~85°C	Pieces per pallet	30
Maximum Series Fuse Rating	15/20 A	Pallets per container (40HQ)	26
Maximum System Voltage	Standard 1000V, 1500V on request	Pieces per container (40HQ)	780

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

Pallet weight/size 622KG/ 1720*1120*1150mm

I-V Curves

