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Solar Panel Guide
Specification Data Sheet

Boviet Solar Technology Co., Ltd
BVM6612M-345-365
BVM6612M-350

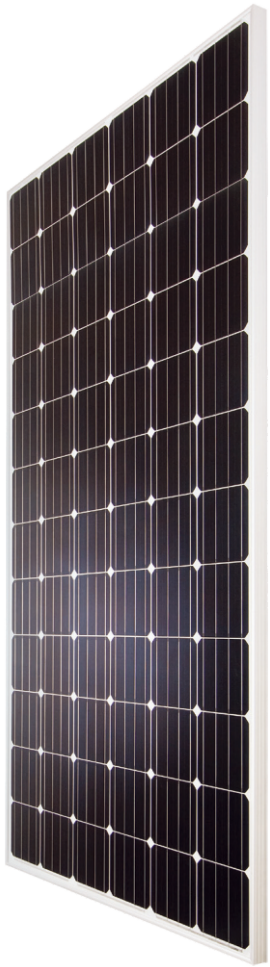
72 Cell Mono 345-365W(5BB)

BVM6612M

0~+5W
Power Tolerance

18.8%
Maximum Efficiency

345-365W
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
- UL 1703, IEC 61215, IEC 61730, CEC listed, MCS and CE
- ISO 9001 for Quality Management Systems
- ISO 14001 for Environmental Management Systems
- ISO 18001 Occupational Health and Safety System

1956 x 992 x 40 mm
Silver 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

	BVM6612M-345	BVM6612M-350	BVM6612M-355	BVM6612M-360	BVM6612M-365
Maximum Power (Pmax)	345W	350W	355W	360W	365W
Maximum Power Current (Imp)	8.99A	9.10A	9.20A	9.29A	9.39A
Maximum Power Voltage (Vmp)	38.4V	38.5V	38.6V	38.8V	38.9V
Short Circuit Current (Isc)	9.50A	9.59A	9.67A	9.83A	9.94A
Open Circuit Voltage (Voc)	47.0V	47.2V	47.4V	47.5V	47.6V
Module Efficiency	17.8%	18.0%	18.3%	18.5%	18.8%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m² , 25°C					

Electrical Characteristics NOCT

	BVM6612M-345	BVM6612M-350	BVM6612M-355	BVM6612M-360	BVM6612M-365
Maximum Power (Pmax)	253W	257W	261W	265W	269W
Maximum Power Current (Imp)	7.17A	7.24A	7.35A	7.43A	7.50A
Maximum Power Voltage (Vmp)	35.3V	35.5V	35.6V	35.7V	35.9V
Short Circuit Current (Isc)	7.70A	7.77A	7.82A	7.90A	7.98A
Open Circuit Voltage (Voc)	43.3V	43.5V	43.7V	43.8V	44.0V
NOCT: AM1.5, Irradiance 800W/m² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Solar Cell	Monocrystalline 156.75x156.75mm, 72 (6 x 12) pcs in series
Glass	High transparency, low iron, tempered glass 4mm
Frame	Anodized aluminum alloy
Junction Box	IP67 rated, with 3 bypass diode
Output Cable	4 mm² (EU)/1200 mm long
Connector	Mc4 compatible
Dimension	1956x992x40 mm
Weight	26.5KG

Thermal Characteristics

Pmax Temperature Coefficient	-0.40%/K
Voc Temperature Coefficient	-0.31%/ K
Isc Temperature Coefficient	+0.06%/K
NOCT	45±2°C

Maximum Ratings

Operating Temperature	-40~85°C
Maximum Series Fuse Rating	15A
Maximum System Voltage	1000/1500V DC

Packing Information

Pieces per pallet	26
Pallets per container (40HQ)	24
Pieces per container (40HQ)	624
Pallet weight/size	758KG/1990*1130*1145mm

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