



72 Cell Poly
320-340W(5BB)

BVM6612P

0~+5W
Power Tolerance

17.5%
Maximum Efficiency

320-340W
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

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Electrical Characteristics STC

	BVM6612P-320	BVM6612P-325	BVM6612P-330	BVM6612P-335	BVM6612P-340
Maximum Power (Pmax)	320W	325W	330W	335W	340W
Maximum Power Current (Imp)	8.65A	8.74A	8.83A	8.92A	9.00A
Maximum Power Voltage (Vmp)	37.0V	37.2V	37.4V	37.6V	37.8V
Short Circuit Current (Isc)	9.17A	9.25A	9.33A	9.41A	9.49A
Open Circuit Voltage (Voc)	45.5V	45.7V	45.8V	46.1V	46.5V
Module Efficiency	16.5%	16.7%	17.0%	17.2%	17.5%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m ² , 25°C					

Electrical Characteristics NOCT

	BVM6612P-320	BVM6612P-325	BVM6612P-330	BVM6612P-335	BVM6612P-340
Maximum Power (Pmax)	237W	241W	245W	248W	251W
Maximum Power Current (Imp)	6.93A	7.00A	7.07A	7.15A	7.22A
Maximum Power Voltage (Vmp)	34.1V	34.3V	34.5V	34.7V	34.8V
Short Circuit Current (Isc)	7.35A	7.41A	7.47A	7.55A	7.61A
Open Circuit Voltage (Voc)	42.7V	42.9V	43.0V	43.2V	43.4V
NOCT: AM1.5, Irradiance 800W/m ² , 20°C, Wind speed 1m/s					

Mechanical Characteristics

Solar Cell	Polycrystalline 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 mm ² (EU)/1200 mm long
Connector	Mc4 compatible
Dimension	1956x992x40 mm
Weight	26.5KG

Thermal Characteristics

Pmax Temperature Coefficient	-0.41%/K
Voc Temperature Coefficient	-0.31%/K
Isc Temperature Coefficient	+0.05%/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

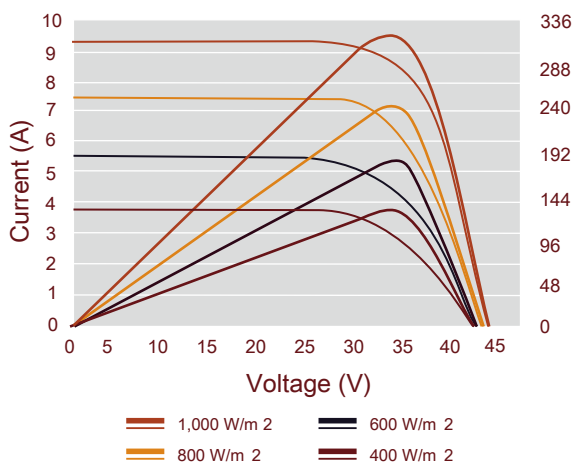
Pieces per pallet	26
Pallets per container (40HQ)	24
Pieces per container (40HQ)	624

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

Pallet weight/size

758KG/1990*1130*1145mm

I-V Curves at Different Irradiances (335W)
Test Temperature: 25°C



Irradiance: AM 1.5, 1,000W/m² (335W)

