



Advancing the Power of the Sun

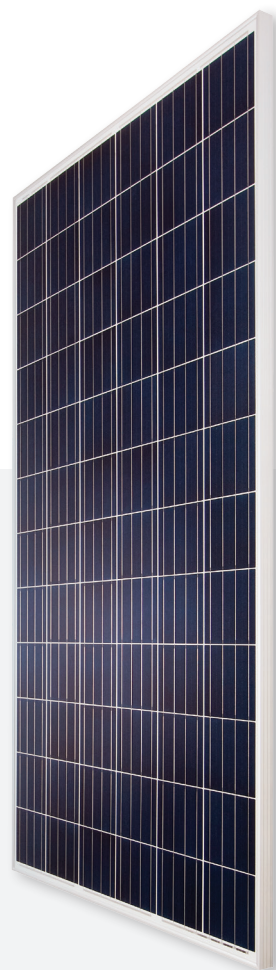
72 Cell Poly
315-330W

BVM6612P

0~+5W
Power Tolerance

17.0%
Maximum Efficiency

315-330W
Power Output Range



High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000V DC (UL)
- ◆ 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
- ◆ ISO 18001 Occupational Health and Safety System

39.06 x 77.01 Inches
Silver Frame / White Backsheet



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Electrical Characteristics STC

	BVM6612P-315	BVM6612P-320	BVM6612P-325	BVM6612P-330
Maximum Power (Pmax)	315W	320W	325W	330W
Maximum Power Current (Imp)	8.56A	8.65A	8.74A	8.83A
Maximum Power Voltage (Vmp)	36.8V	37.0V	37.2V	37.4V
Short Circuit Current (Isc)	9.09A	9.17A	9.25A	9.33A
Open Circuit Voltage (Voc)	45.3V	45.5V	45.7V	45.8V
Module Efficiency	16.2%	16.5%	16.7%	17.0%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
STC: AM1.5, Irradiance 1000W/m², 25°C				

Electrical Characteristics NOCT

	BVM6612P-315	BVM6612P-320	BVM6612P-325	BVM6612P-330
Maximum Power (Pmax)	233W	237W	241W	245W
Maximum Power Current (Imp)	6.86A	6.93A	7.00A	7.08A
Maximum Power Voltage (Vmp)	34.0V	34.1V	34.4V	34.6V
Short Circuit Current (Isc)	7.33A	7.35A	7.42A	7.50A
Open Circuit Voltage (Voc)	42.5V	42.7V	43.1V	43.3V
NOCT: AM1.5, Irradiance 800W/m², 20°C, Wind speed 1m/s				

Mechanical Characteristics

Thermal Characteristics

Solar Cell	Polycrystalline 6.14 x 6.14 inch, 72 (6 x 12) pcs. in series	Pmax Temperature Coefficient	-0.43%/K
Glass	High transparency, low iron, tempered glass 4 mm (0.16 inch)	Voc Temperature Coefficient	-0.33%/K
Frame	Anodized aluminum alloy	Isc Temperature Coefficient	+0.05%/K
Junction Box	IP67 rated, with 3 bypass diode	NOCT	113±3.6°F
Output Cable	4 mm² (EU)/12 AWG (US), 43.30/47.244 inch		
Connector	MC4 compatible		
Dimension	77.01 x 39.06 x 1.57 inch		
Weight	58.42 lb		

Maximum Ratings

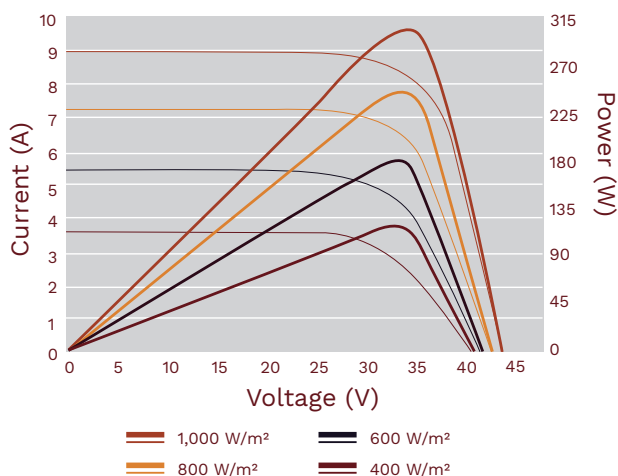
Packing Information

Operating Temperature	-40°F~185°F	Pieces per pallet	26
Maximum Series Fuse Rating	15A	Pallets per container (40HQ)	24
Maximum System Voltage	1000V DC	Pieces per container (40HQ)	624
Specifications in this datasheet are subject to change without prior notice.		Pallet weight/size	1671.1 lb/78.41 x 44.49 x 45.08 inch

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I-V Curves at Different Irradiances (300W)

Test Temperature: 25°C



Irradiance: AM 1.5, 1,000W/m² (300W)

