



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



39.06 x 77.01 Inches  
Silver Frame / White Backsheet



#### High Quality and Reliable Modules

- ◆ Withstand up to 5400 Pa snow load and 2400 Pa wind load
- ◆ 1000V DC (UL) / 1500V DC (UL) certified
- ◆ 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



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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/m <sup>2</sup> , 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/m <sup>2</sup> , 20°C, Wind speed 1m/s |              |              |              |              |

### Mechanical Characteristics

|              |  |
|--------------|--|
| Solar Cell   | Polycrystalline 6.14 x 6.14 inch, 72 (6 x 12) pcs. in series |
| Glass        | High transparency, low iron, tempered glass 4 mm (0.16 inch) |
| Frame        | Anodized aluminum alloy                                      |
| Junction Box | IP67 rated, with 3 bypass diode                              |
| Output Cable | 4 mm <sup>2</sup> (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   |

### Thermal Characteristics

|                              |           |
|------------------------------|-----------|
| Pmax Temperature Coefficient | -0.43%/K  |
| Voc Temperature Coefficient  | -0.33%/K  |
| Isc Temperature Coefficient  | +0.05%/K  |
| NOCT                         | 113±3.6°F |

### Maximum Ratings

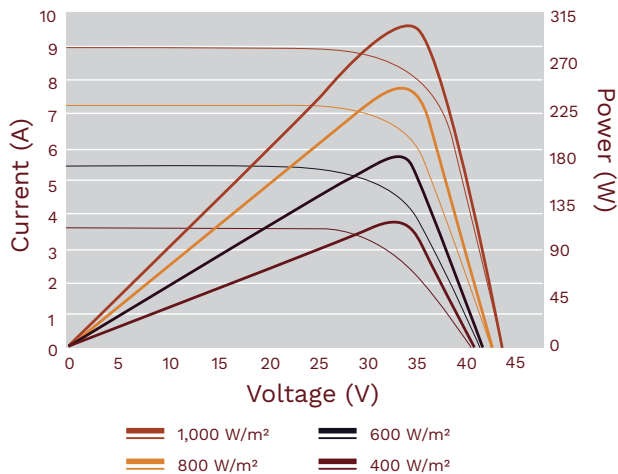
|                            |                     |
|----------------------------|---------------------|
| Operating Temperature      | -40°F~185°F         |
| Maximum Series Fuse Rating | 15A                 |
| Maximum System Voltage     | 1000V DC / 1500V DC |

### Packing Information

|                              |                                      |
|------------------------------|--------------------------------------|
| Pieces per pallet            | 26                                   |
| Pallets per container (40HQ) | 24                                   |
| Pieces per container (40HQ)  | 624                                  |
| Pallet weight/size           | 1671.1 lb/78.41 x 44.49 x 45.08 inch |

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

**I-V Curves at Different Irradiances (300W)**  
Test Temperature: 25°C



**Irradiance: AM 1.5, 1,000W/m<sup>2</sup> (300W)**

