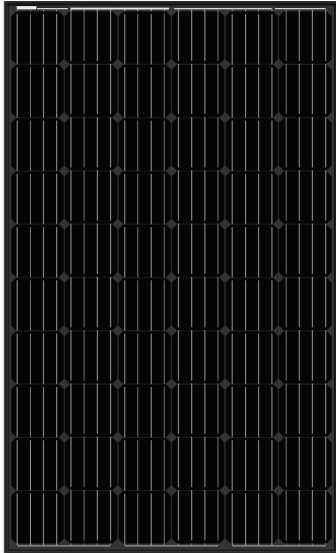


## BVM6610M(BB)



### High Quality and Reliable Modules Due to Thorough Design and Stringent Quality Control

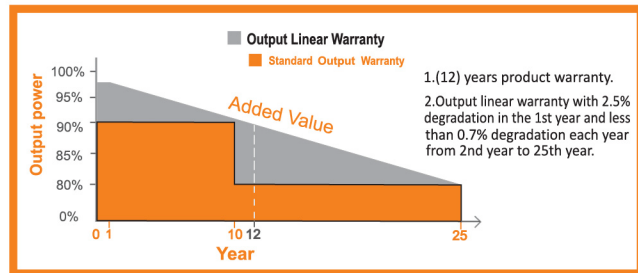
- Withstand up to 5400 Pa snow load 2400 Pa wind load
- 1000V/1500V DC certified
- Two times of EL inspection on every cell and module for defect free
- Type 1 fire-rating per UL 1703 edition 3
- High salt and ammonia resistance Certified by TUV Rheinland
- 0~+5W guaranteed positive tolerance on nameplate power output

### 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



### Electrical Characteristics STC

	BVM6610M-280	BVM6610M-285	BVM6610M-290	BVM6610M-295
Maximum Power(Pmax)	280W	285W	290W	295W
Maximum Power Current(Imp)	8.84A	8.91A	8.98A	9.05A
Maximum Power Voltage(Vmp)	31.7V	32.0V	32.3V	32.6V
Short Circuit Current (Isc)	9.40A	9.47A	9.54A	9.62A
Open Circuit Voltage (Voc)	38.8V	39.2V	39.6V	40.0V
Module Efficiency	17.2%	17.5%	17.8%	18.1%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W

STC:AM1.5,Irradiance 1000W/ m<sup>2</sup> , 25°C

### Electrical Characteristics NOCT

	BVM6610M-280	BVM6610M-285	BVM6610M-290	BVM6610M-295
Maximum Power(Pmax)	204W	208W	212W	216W
Maximum Power Current (Imp)	7.07A	7.13A	7.17A	7.25A
Maximum Power Voltage (Vmp)	28.9V	29.2V	29.6V	29.8V
Short Circuit Current (Isc)	7.57A	7.63A	7.67A	7.74A
Open Circuit Voltage (Voc)	35.4V	35.8V	36.3V	36.6V

NOCT:AM1.5, Irradiance 800W/ m<sup>2</sup> ,20 °C, Wind speed 1m/s)

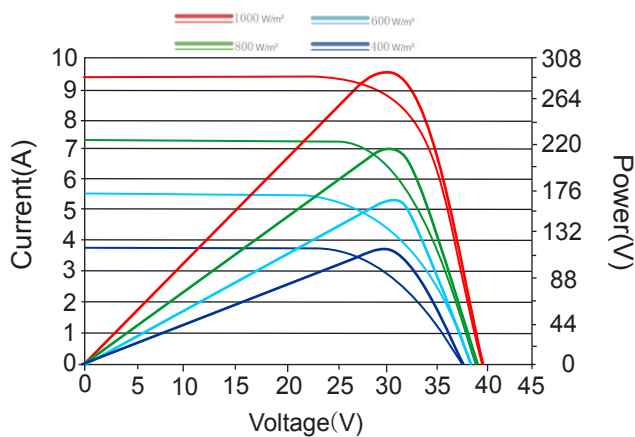
### Packing Information

Pieces per pallet	26
Pallets per container(40HQ)	28
Pieces per container(40HQ)	728
Pallets weight/size	534KG/1690*1130*1135mm

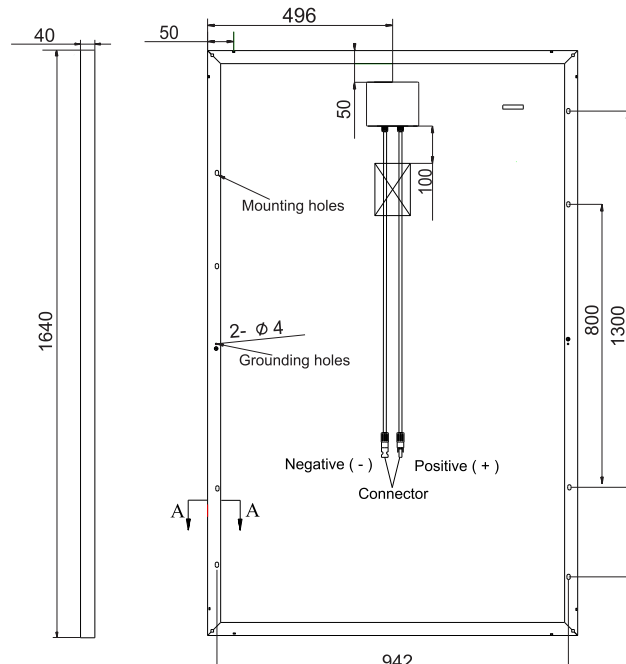
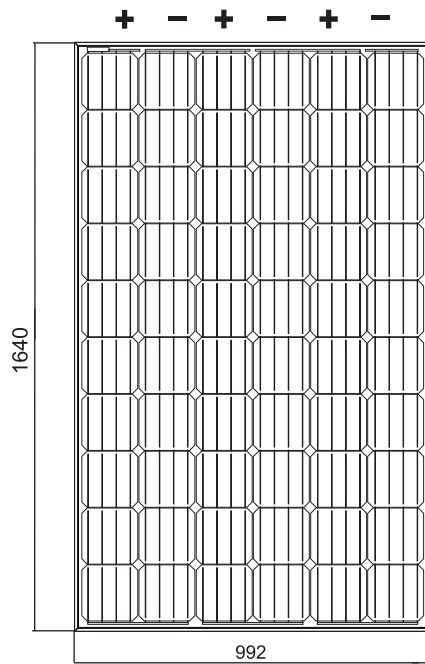
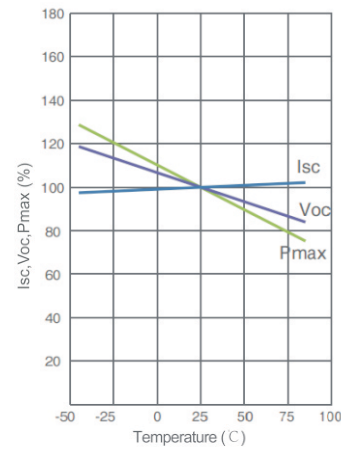
### Maximum Ratings

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

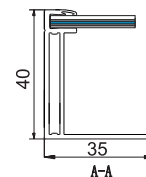
**I-V Curves at different Irradiances (290W)**  
Test temperature: 25°C



**Irradiance: AM1.5, 1000W/m² (290W)**



(Unit:mm)



### Mechanical Characteristics

Solar Cell	Monocrystalline	156x156 mm , 60(6x10)pcs in series
Glass	High transparency, low iron, tempered glass 3.2mm	
Frame	Anodized aluminum alloy	
Junction Box	IP67 rated, with 3 bypass diode	
Output cable	4 mm²(EU)/ 1100 /1200mm long	
Connector	MC4 compatible	
Dimension	1640x992x40 mm	
Weight	18.5KG	

### Thermal Characteristics

Pmax Temperature Coefficient	-0.40%/K
Voc Temperature Coefficient	-0.32%/K
Isc Temperature Coefficient	+0.06%/K
NOCT	45±2°C