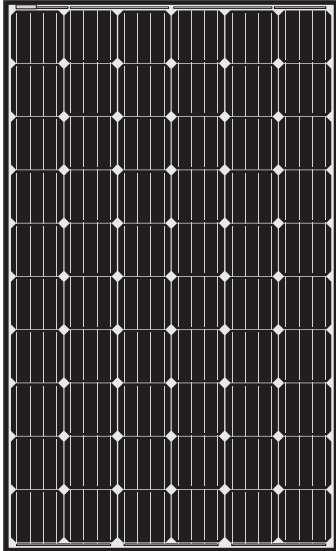


BVM6610M



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

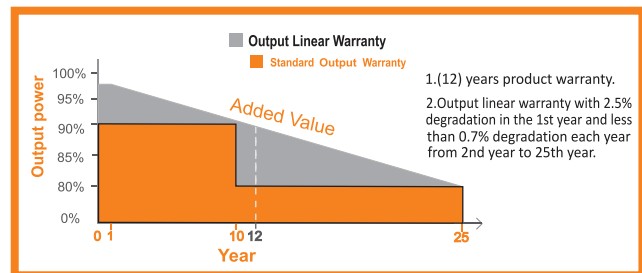
- Withstand up to 5400 Pa snow load 2400 Pa wind load
- 1000V DC UL certified
- Two times of EL inspection on every cell and module for defect free
- Type 1 fire-rating per UL 1703 edition 3
- High salt and ammonia resistance Certified by TUV Rheinland
- 0~+5W guaranteed positive tolerance on nameplate 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-285	BVM6610M-290	BVM6610M-295	BVM6610M-300
Maximum Power(Pmax)	285W	290W	295W	300W
Maximum Power Current(Imp)	9.05A	9.12A	9.22A	9.33A
Maximum Power Voltage(Vmp)	31.5V	31.8V	32.0V	32.2V
Short Circuit Current (Isc)	9.56A	9.65A	9.73A	9.84A
Open Circuit Voltage (Voc)	38.9V	39.2V	39.4V	39.5V
Module Efficiency	17.5%	17.8%	18.1%	18.4%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W

STC:AM1.5,Irradiance 1000W/ m² , 25°C

Electrical Characteristics NOCT

	BVM6610M-285	BVM6610M-290	BVM6610M-295	BVM6610M-300
Maximum Power(Pmax)	209W	212W	216W	219W
Maximum Power Current (Imp)	7.24A	7.30A	7.37A	7.43A
Maximum Power Voltage (Vmp)	28.9V	29.1V	29.3V	29.5V
Short Circuit Current (Isc)	7.73A	7.79A	7.86A	7.97A
Open Circuit Voltage (Voc)	35.8V	36.1V	36.3V	36.5V

NOCT: AM1.5, Irradiance 800W/m² ,20 °C ,Wind speed 1m/s)

Packing Information

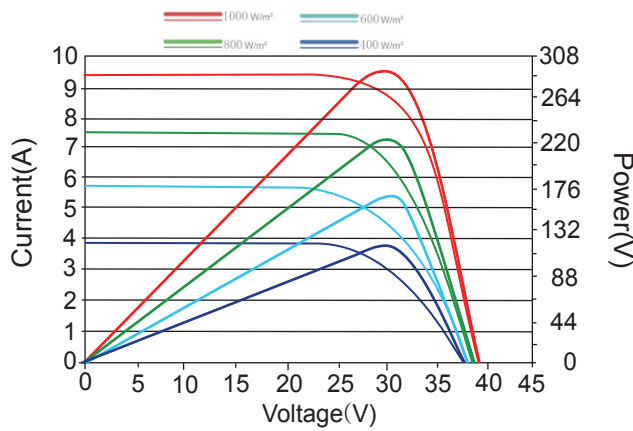
Pieces per pallet	26
Pallets per container(40HQ)	28
Pieces per container(40HQ)	728
Pallets weight/size	534KG/1690*1130*1135mm

Maximum Ratings

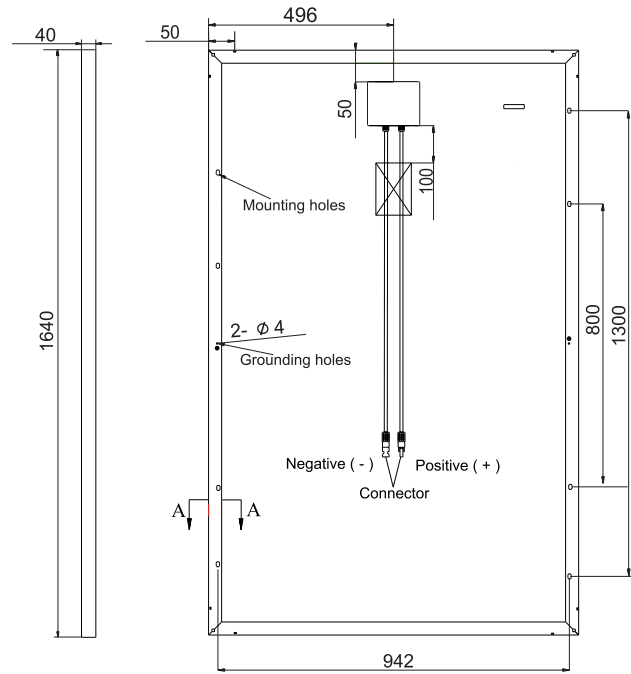
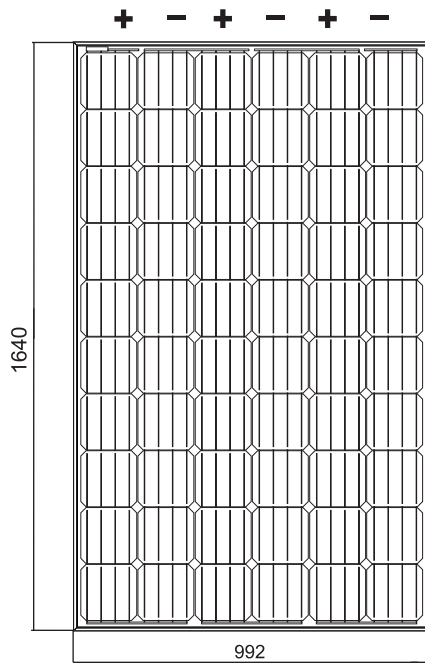
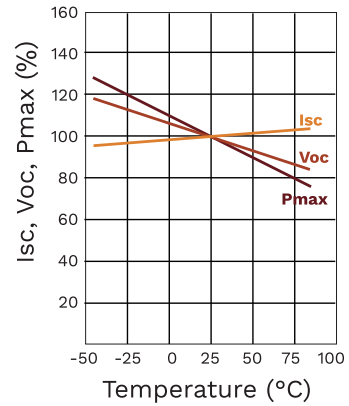
Operating Temperature	-40~85°C
Maximum Series Fuse Rating	15A
Maximum System Voltage	1000VDC

Specifications in this datasheet are subjected to change without prior notice

I-V Curves at different Irradiances (285W)
Test temperature:25°C



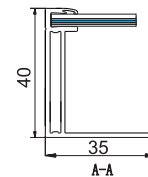
Irradiance:AM1.5,1000W/m²(285W)



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