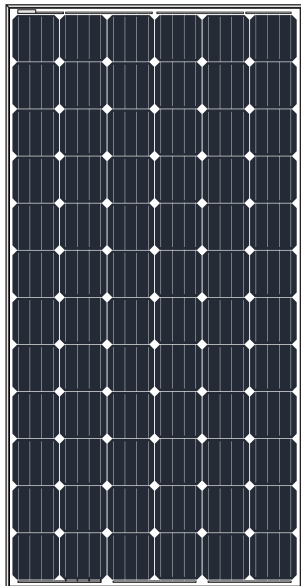


BVM6612M



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

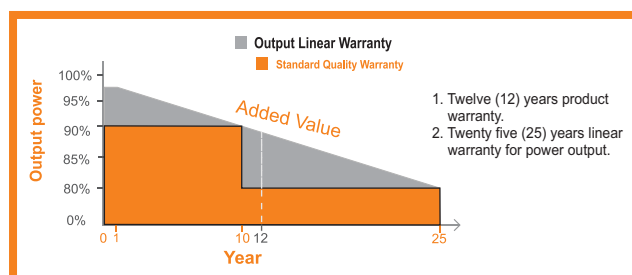
- Withstand up to 5400 Pa snow load 2400 Pa wind load
- 1000V DC UL certified
- Two times of EL inspection on every cell and module for defect free
- Type 1 fire-rating per UL 1703 edition 3
- High salt and ammonia resistance Certified by TUV Rheinland
- 0~+5W guaranteed positive tolerance on nameplate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

	BVM6612M-340	BVM6612M-345	BVM6612M-350	BVM6612M-355	BVM6612M-360
Maximum Power(Pmax)	340W	345W	350W	355W	360W
Maximum Power Current(Imp)	8.93A	8.99A	9.10A	9.20A	9.29A
Maximum Power Voltage(Vmp)	38.1V	38.4V	38.5V	38.6V	38.8V
Short Circuit Current (Isc)	9.45A	9.50A	9.59A	9.67A	9.83A
Open Circuit Voltage (Voc)	46.6V	47.0V	47.2V	47.4V	47.5V
Module Efficiency	17.5%	17.8%	18.0%	18.3%	18.5%
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

STC: AM1.5, Irradiance 1000W/m², 25°C

Electrical Characteristics NOCT

	BVM6612M-340	BVM6612M-345	BVM6612M-350	BVM6612M-355	BVM6612M-360
Maximum Power(Pmax)	249W	253W	257W	261W	265W
Maximum Power Current (Imp)	7.12A	7.17A	7.24A	7.35A	7.43A
Maximum Power Voltage (Vmp)	35.0V	35.3V	35.5V	35.6V	35.7V
Short Circuit Current (Isc)	7.66A	7.70A	7.77A	7.82A	7.90A
Open Circuit Voltage (Voc)	42.9V	43.3V	43.5V	43.7V	43.8V

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

Packing Information

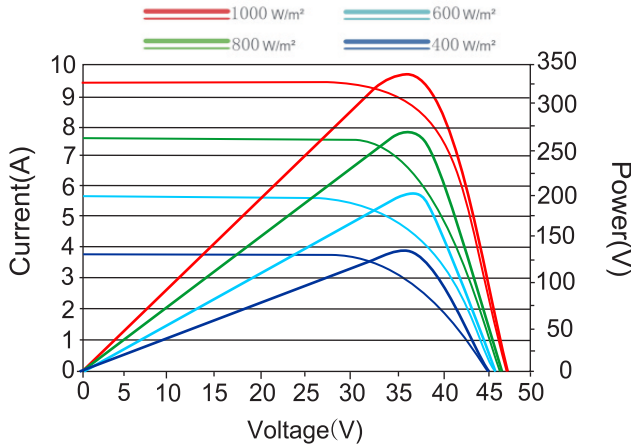
Pieces per pallet	26
Pallets per container(40HQ)	24
Pieces per container(40HQ)	624
Pallets weight/size	758KG/1990*1130*1145mm

Maximum Ratings

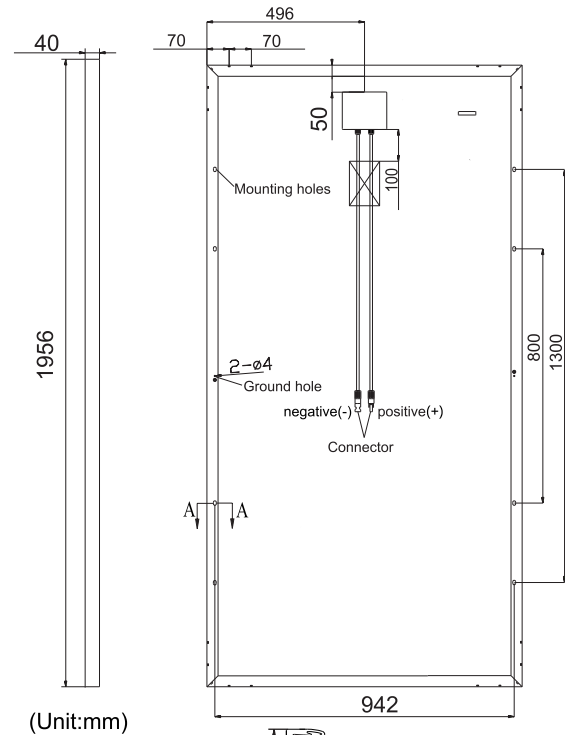
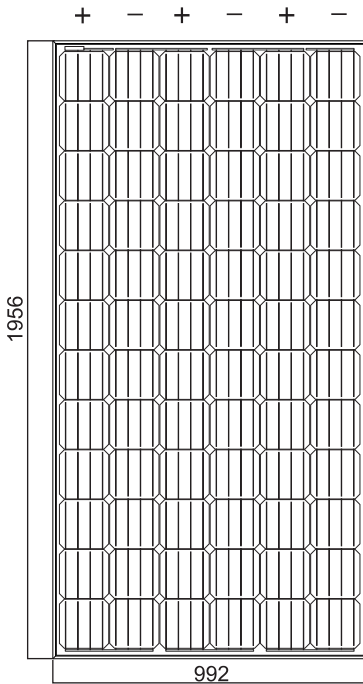
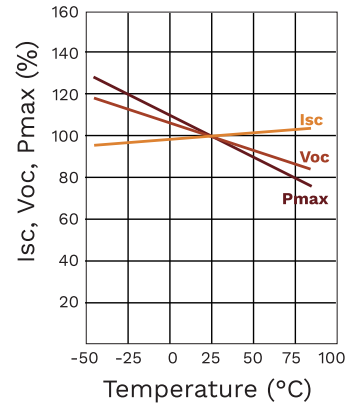
Operating Temperature	-40~85°C
Maximum Series Fuse Rating	15A
Maximum System Voltage	1000 VDC

Specifications in this datasheet are subjected to change without prior notice

I-V Curves at Different Irradiances(340W)
Test temperature:25°C



Irradiance:AM1.5,1000W/m²(340W)



Mechanical Characteristics

Solar Cell	Monocrystalline 156x156mm , 72(6x12)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)/ 1100/1200 mm long
Connector	MC4 compatible
Dimension	1956x992x40 mm
Weight	26.5KG

Thermal Characteristics

P _{max} Temperature Coefficient	-0.40%/K
V _{oc} Temperature Coefficient	-0.31%/K
I _{sc} Temperature Coefficient	+0.06%/K
NOCT	45±2°C