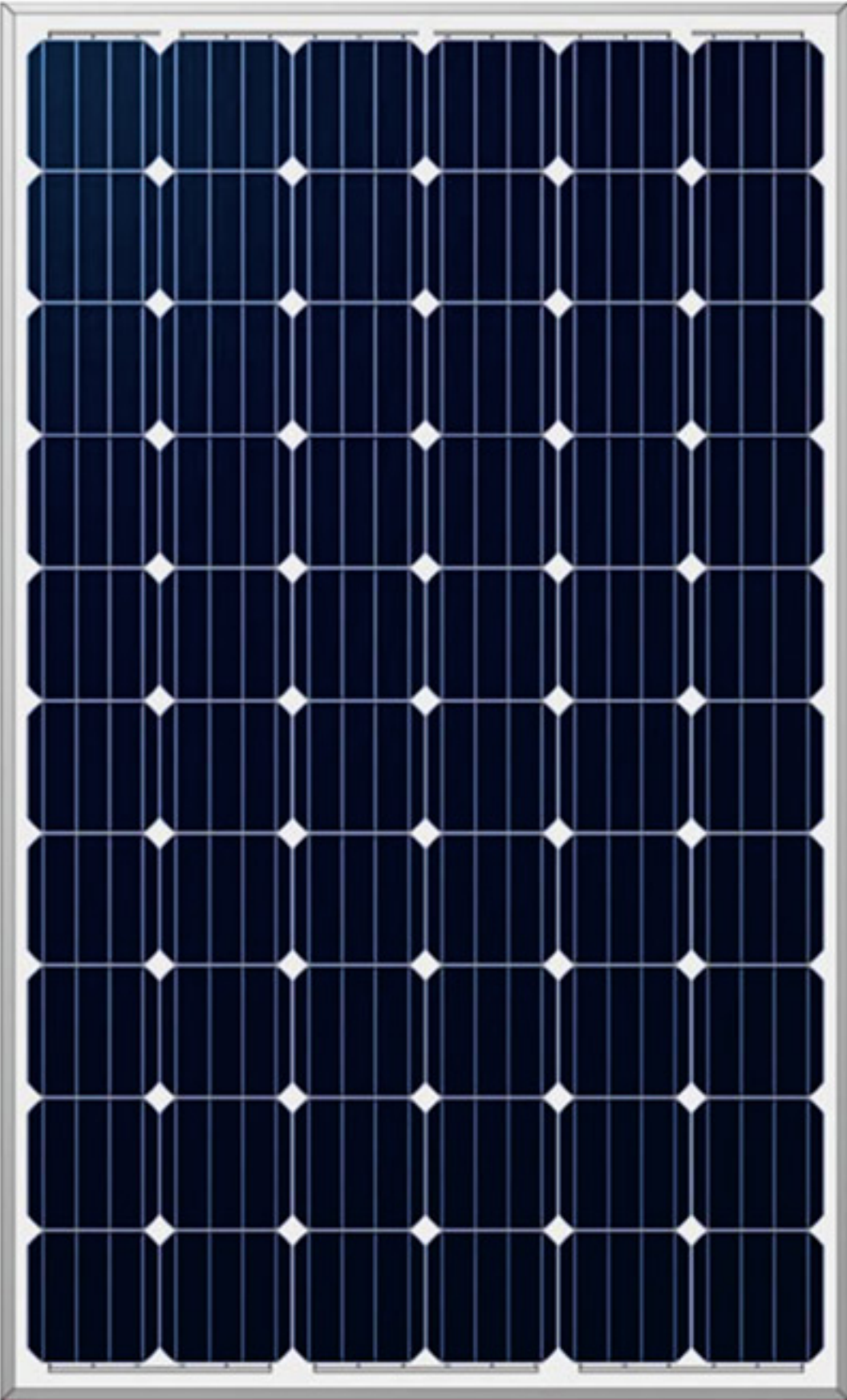


BSEM6-60/290-310W

MONO CRYSTALLINE MODULE

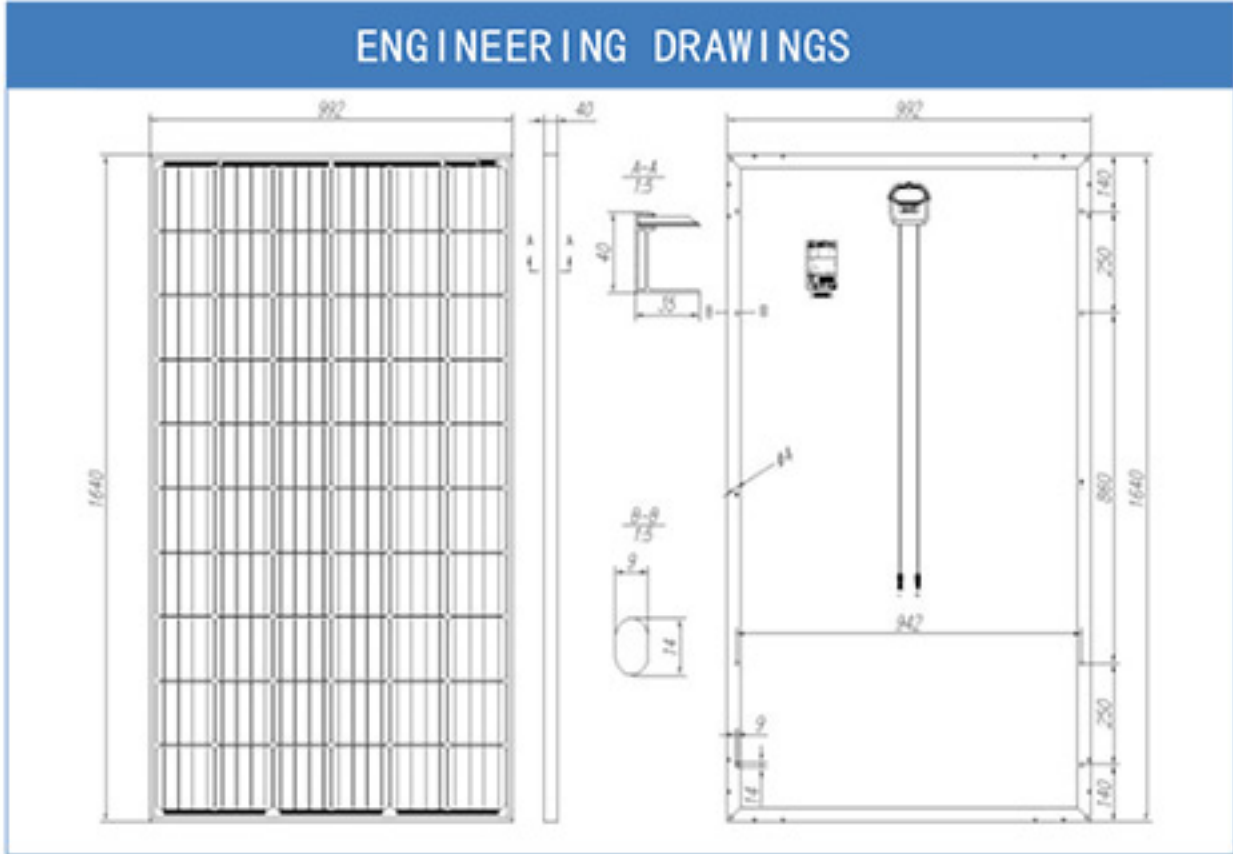


FEATURES

- **Positive tolerance guarantee reliable power output**
0 ~ + 5W
- **Maximum efficiency**
Higher conversion efficiency (19%) benefit from high-level process technology.
- **4 Busbar Solar Cell**
Improved module efficiency, less “Cell to Module” internal power loss.
- **Excellent generation performance in low irradiance**
Outstanding power output performance in irradiance condition: dawn, dusk and rainy days etc.
- **High PID resistance**
Advanced anti-PID technologies, module encapsulation and packaging technologies, this product is suitable for high temperature and high humidity area.
- **Excellent weather resistance**
With salt spray resistance and ammonia resistance, it can be installed in bad environment like seaside, farm etc.
- **Super load capacity**
Module certified to withstand high wind load 2400Pa and snow load 5400Pa.

COMPREHENSIVE PRODUCTS AND SYSTEM CERTIFICATES

IEC61215, IEC61730, CE, CQC, TUV
ISO9001: Quality Management System
ISO14001: Environmental Management System



MECHANICAL DATA	
Solar Cells	156x156mm (Mono-crystalline)
No. of Cells	60pcs (6x10)
Dimensions	1640x992x40mm
Glass	3.2mm High transmission solar glass
Frame	Anodized aluminium alloy
Weight	18.0Kg
Junction Box	IP 67 rated
Cables	1 x 4.0mm ² , 900mm length
Connectors	MC4

ELECTRICAL DATA										
PRODUCTS	BSEM6-60-290		BSEM6-60-295		BSEM6-60-300		BSEM6-60-305		BSEM6-60-310	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	290W	209.6W	295W	213.2W	300W	216.8W	305W	220.4W	310W	224.1W
Open Circuit Voltage (Voc)	39.3V	36.4V	39.3V	36.4V	39.4V	36.5V	39.4V	36.5V	39.5V	36.6V
Short Circuit Current (Isc)	9.38A	7.59A	9.42A	7.62A	9.46A	7.65A	9.49A	7.68A	9.53A	7.71A
Maximum Power Voltage (Vmp)	32.8V	29.9V	33.2V	30.3V	33.6V	30.6V	34.0V	31.0V	34.4V	31.4V
Maximum Power Current (Imp)	8.85A	7.01A	8.89A	7.04A	8.93A	7.08A	8.97A	7.11A	9.01A	7.14A
Operational Temperature	-40°C~+85°C									
Maximum System Voltage	1000VDC									
Max Series Fuse Rating	15A									
Temperature Coefficient of PMAX	-0.41%/°C									
Temperature Coefficient of VOC	-0.33%/°C									
Temperature Coefficient of ISC	0.059%/°C									
NOCT (Nominal Operating Cell Temperature)	47±2°C									
STC: Irradiance 1000W/m ² , Cell Temperature 25° C, Air Mass AM1.5.										
NOCT: Air Mass AM1.5, Irradiance at 800W/m ² , Ambient Temperature 20° C, Wind Speed 1m/s										

PACKAGING CONFIGURATION	
Pieces per pallet	27pcs
carton dimension (length/width / height)	1660x1130x1140mm
Weight per pallet	530kg

CAUTION: INSTALLING AND OPERATING SOLAR PANELS REQUIRES SPECIALIZED SKILLED, ONLY QUALIFIED PROFESSIONALS CAN DO. READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

