

BS 0650/00268

BIGSOLAR

POLYCRYSTALLINE PV PANEL

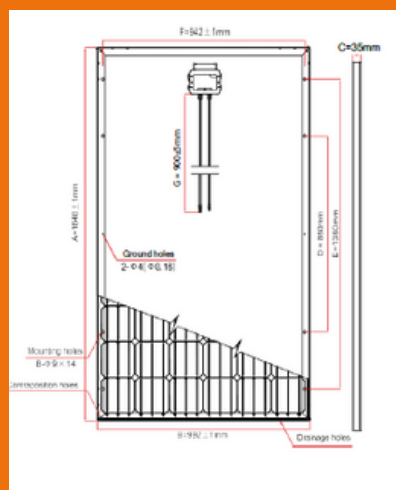
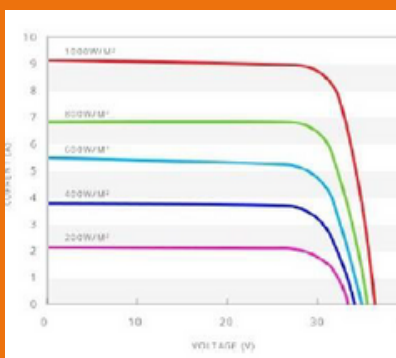
60 CELLS // 290W

Product Datasheet

Solar PV Modules with advanced 5BB solar cells provide high-output performance even at low insolation and low NOCT level. The unique manufacturing process ensures unparalleled quality control for every component of the module. With its low unit cost and long service life this solar panel is a perfect solution for a project of any size

SPECIFICATIONS

- Maximum power (Pmax):** 290W
- Voltage at max. power (Vmp):** 32.7V
- Current at max. power (Imp):** 8.87A
- Open Circuit Voltage (Voc):** 39.98V
- Short Circuit Current (Isc):** 9.42A
- Tolerance:** 0±3%
- Solar Cells Polycrystalline (mm):** 157x157
- No. of cell 60cells:** 6x10
- Module dimension (mm):** 1640x992x35
- Weight (kg):** 19.5
- Glass High transparency solar glass:** 4.0mm
- Frame:** Anonized aluminum allo
- J-Box:** IP 67 rated
- Cables / Connector:** Photovoltaic Technology cable 4.0mm2
- Operational Temperature:** ~40~+85oC
- Max System Voltage:** 1000VDC
- Max Series Ruse Rating:** 20A
- Normal Operating Cell Temperature:** 45oC (±3oC)
- Temperature Coefficient of PMPP:** -0.45%/OC
- Temperature Coefficient of VOC:** -0.35%/OC
- Temperature Coefficient of ISC:** -0.05%/OC



PACKAGING & CERTIFICATES

DIMENSIONS (mm)	CONTAINER20'	CONTAINER40'	CONTAINER40'CH
1640x992x35	360	840	1080



✓ 10 years product warranty
 ✓ 25 years performance warranty