

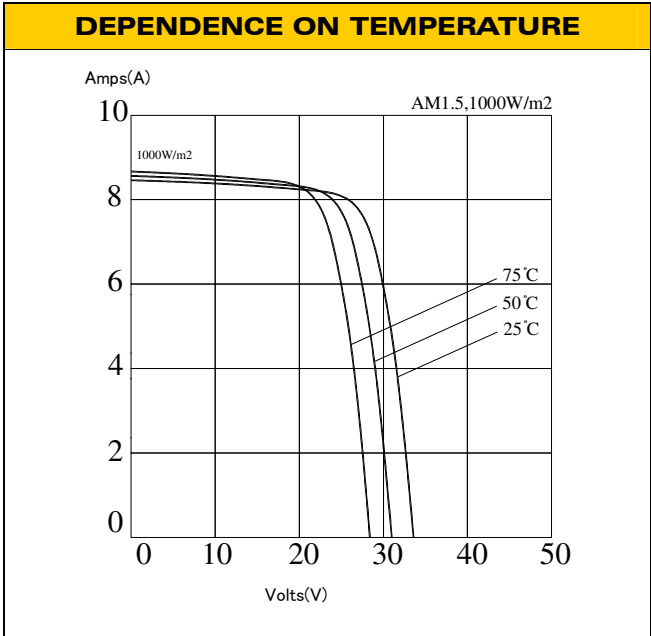
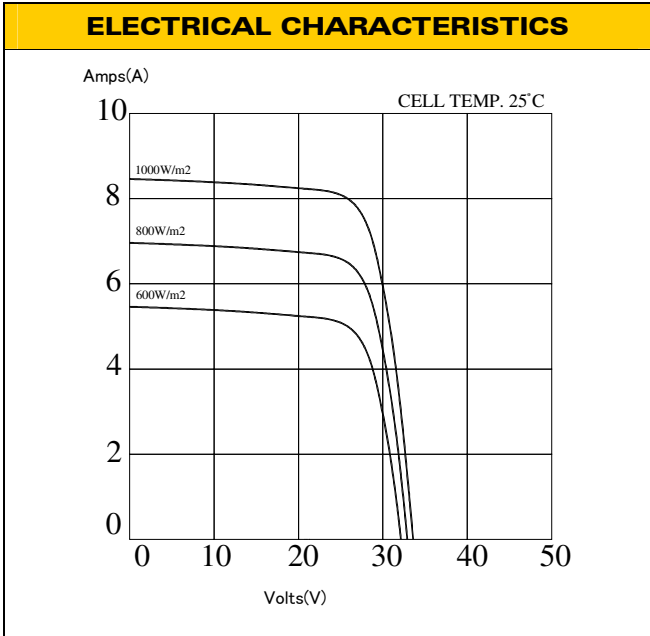


FEATURES:

- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 54 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module with aluminum frame for outdoor use.
- The module will maintain 90% of minimum specification performance along the first 12 years, and will maintain 80% of minimum specification performance along sequent 13 years.

**LM180BB02/LM185BB00/LM190BB00/LM195BB00/LM200BB02/
LM205BB02/LM210BB04/**

Maximum power (Pmax)	180W	185W	190W	195W	200W	205W	210W
Maximum power voltage (Vpm)	25.36 V	25.62 V	25.85 V	26.08 V	26.30 V	26.50 V	26.72 V
Maximum power current (Ipm)	7.10 A	7.23 A	7.35 A	7.48 A	7.62 A	7.74 A	7.86 A
Open circuit voltage (Voc)	32.62 V	32.88 V	32.94 V	33.15V	33.26 V	33.43 V	33.54 V
Short circuit current (Isc)	7.62 A	7.87 A	7.93 A	8.06 A	8.21 A	8.27 A	8.45 A
Module efficiency (ηm)	12.4%	12.7%	13.1%	13.4%	13.8%	14.1%	14.5%
No. & type solar cells	54 in series/ 6”(156x156 mm) multicry						
Maximum system voltage	TUV:DC 1000 V/UL:DC 600 V						
Series fuse rating	15 A						
Performance tolerance	±3%						
Operating temperature	-40 to +90 °C						
Storage temperature	-40 to +90 °C						
Dimensions	1466x990x38.1 mm±2 mm/57.7”x39”x1.5”±0.08”						
Weight	18.0 kg/39.68 lbs						
Output Terminal(Tyco J-Box)	1394462-4(-)/6-1394461-2(+)						

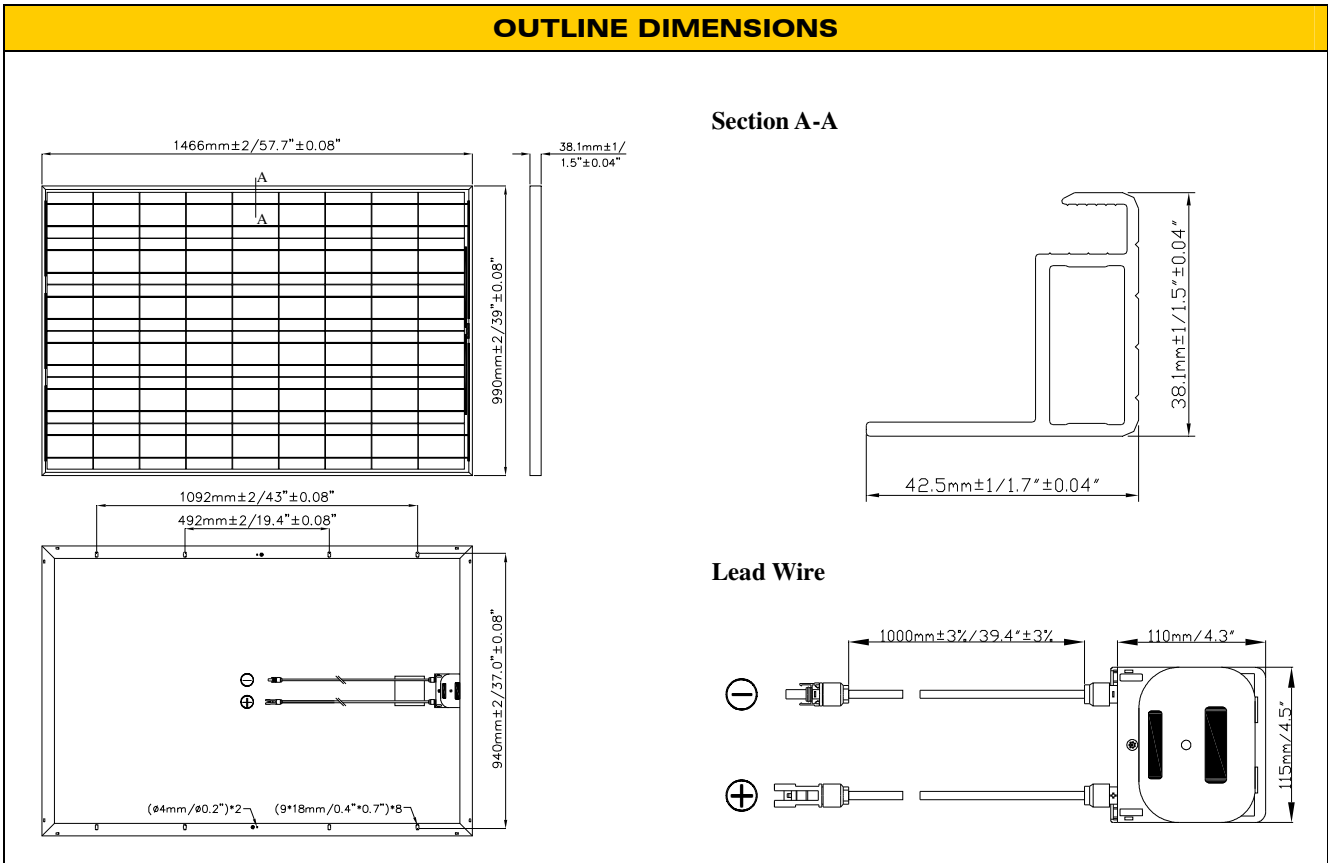


Temperature coefficient of Isc: 0.05%/°C

Power temperature coefficient: -0.46%/°C

Temperature coefficient of Voc: -0.35%/°C

NOCT: 46±1°C



Field wiring: Cu wiring only, min. 12 AWG(4mm²), insulated for 90°C min.