



FEATURES:

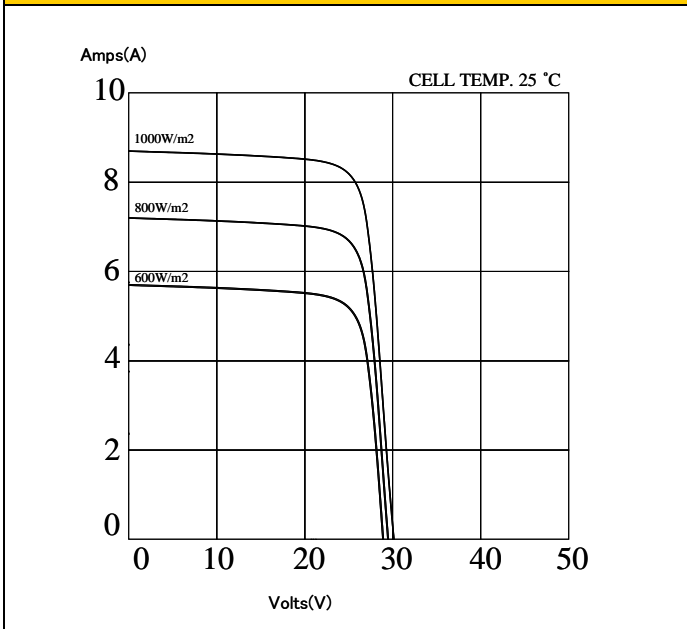
- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 48 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module with aluminum frame for 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.

LM195BB6800 ~ LM220BB6800

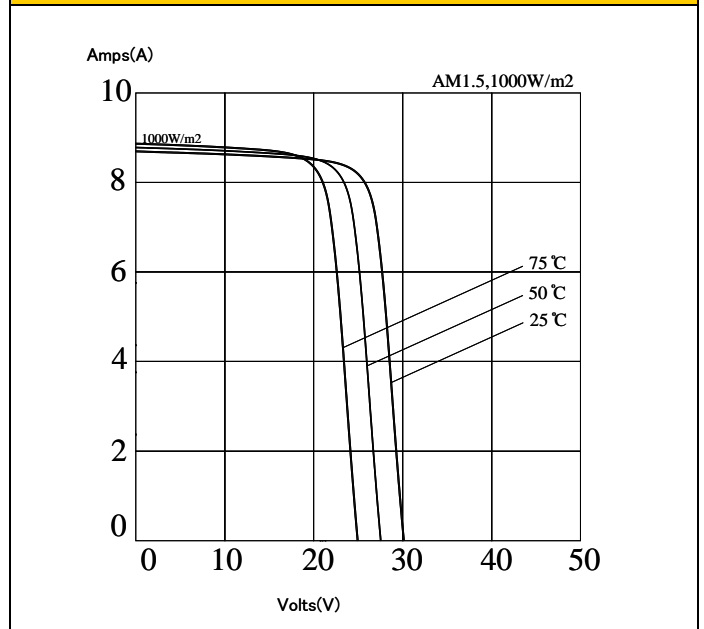
Maximum power (Pmax)	195W	200W	205W	210W	215W	220W
Maximum power voltage (Vpm)	23.33 V	23.48 V	23.62 V	23.77 V	23.92 V	24.07 V
Maximum power current (Ipm)	8.36 A	8.52 A	8.68 A	8.84 A	8.99 A	9.14 A
Open circuit voltage (Voc)	30.08 V	30.22 V	30.35 V	30.48 V	30.62 V	30.75
Short circuit current (Isc)	8.68 A	8.81 A	8.93 A	9.06 A	9.19 A	9.31 A
Module efficiency (ηm)	15.0%	15.4%	15.8%	16.2%	16.6%	17.0%
No. & type solar cells	48 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	1309x990x38.1 mm±2 mm/51.5”x39”x1.5”±0.08”					
Weight	14.9 kg/32.85 lbs					
Output Terminal(Tyco J-Box)	1394462-4(-)/6-1394461-2(+)					

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ELECTRICAL CHARACTERISTICS



DEPENDENCE ON TEMPERATURE



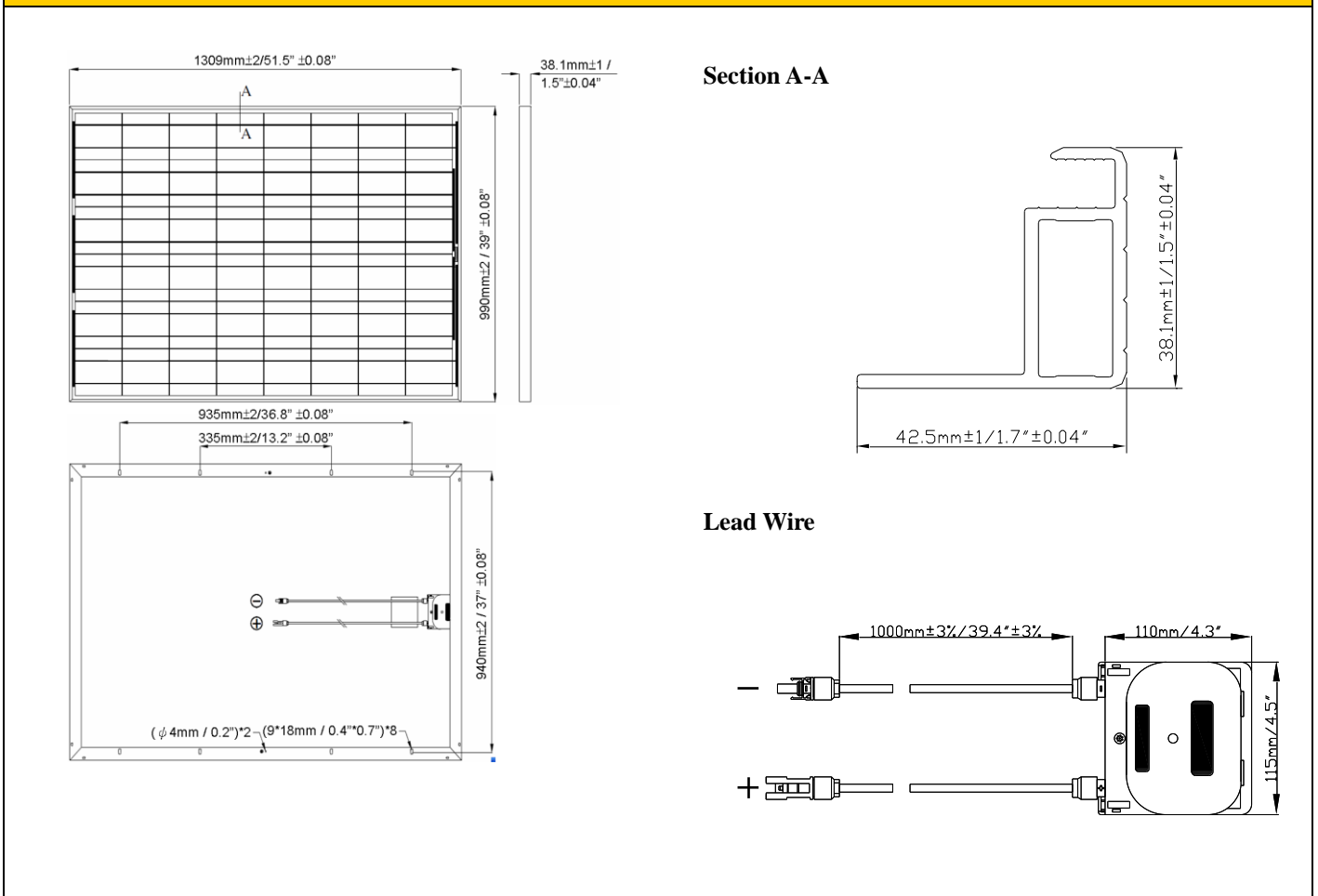
Temperature coefficient of Isc: 0.05%/°C

Power temperature coefficient: -0.46%/°C

Temperature coefficient of Voc: -0.35%/°C

NOCT: 46±1°C

OUTLINE DIMENSIONS



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