



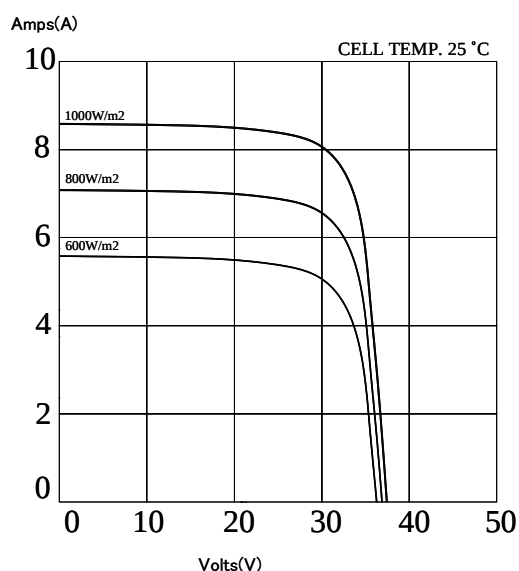
FEATURES:

- Multicrystalline silicon photovoltaic module.
- High power module using 6" multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 60 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.

LM250BB6A00 ~ LM275BB6A00

Maximum power (Pmax)	250W	255W	260W	265W	270W	275W
Maximum power voltage (Vpm)	30.06 V	30.22 V	30.38 V	30.53 V	30.69 V	30.83 V
Maximum power current (Ipm)	8.32 A	8.44 A	8.56 A	8.68 A	8.80 A	8.92 A
Open circuit voltage (Voc)	37.68 V	37.84 V	37.99 V	38.15 V	38.30 V	38.45 V
Short circuit current (Isc)	8.76 A	8.87 A	8.97 A	9.08 A	9.18 A	9.27 A
Module efficiency (ηm)	15.5%	15.8%	16.2%	16.5%	16.8%	17.1%
No. & type solar cells	60 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	1626x990x38.1 mm±2 mm/64"x39"x1.5"±0.08"					
Weight	20.0 kg/44.09 lbs					
Output Terminal(Tyco J-Box)	1394462-4(-)/6-1394461-2(+)					

ELECTRICAL CHARACTERISTICS



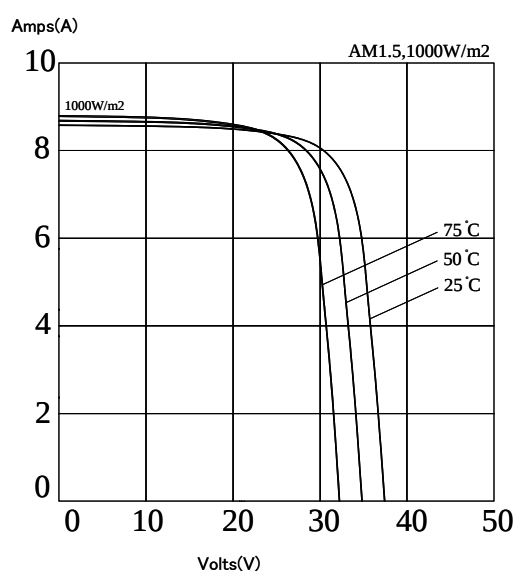
Temperature coefficient of Isc: 0.05%/°C

Power temperature coefficient: -0.46%/°C

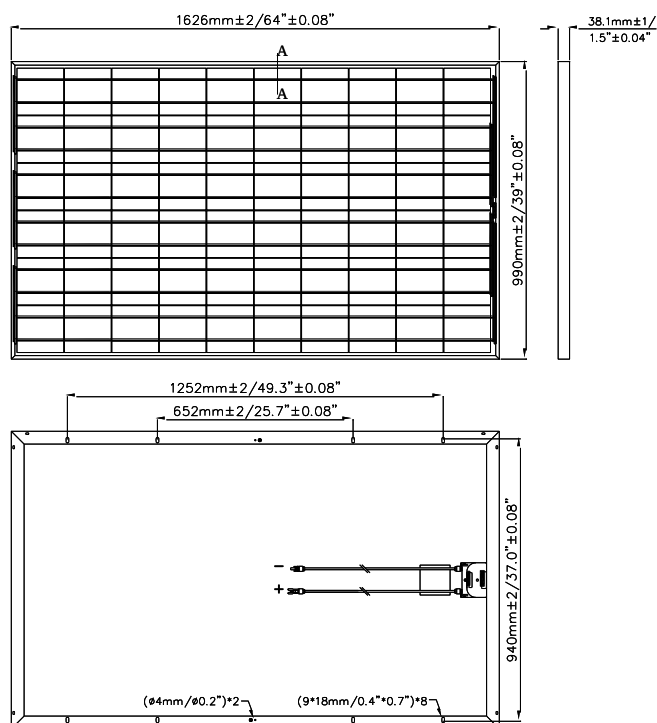
Temperature coefficient of Voc: -0.35%/°C

NOCT:46±1°C

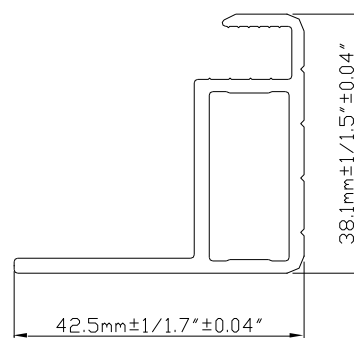
DEPENDENCE ON TEMPERATURE



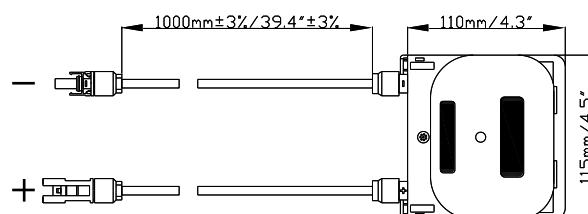
OUTLINE DIMENSIONS



Section A-A



Lead Wire



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