



Ligitek Photovoltaic Co., Ltd.



FEATURES:

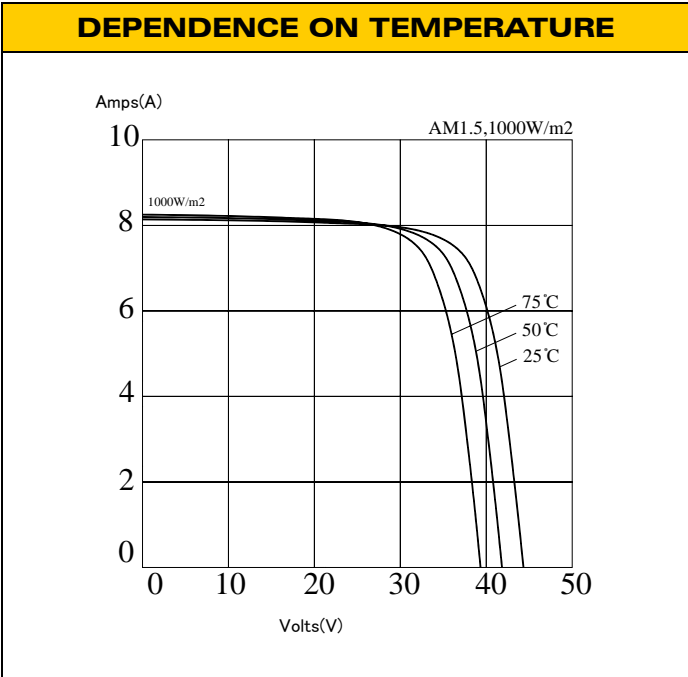
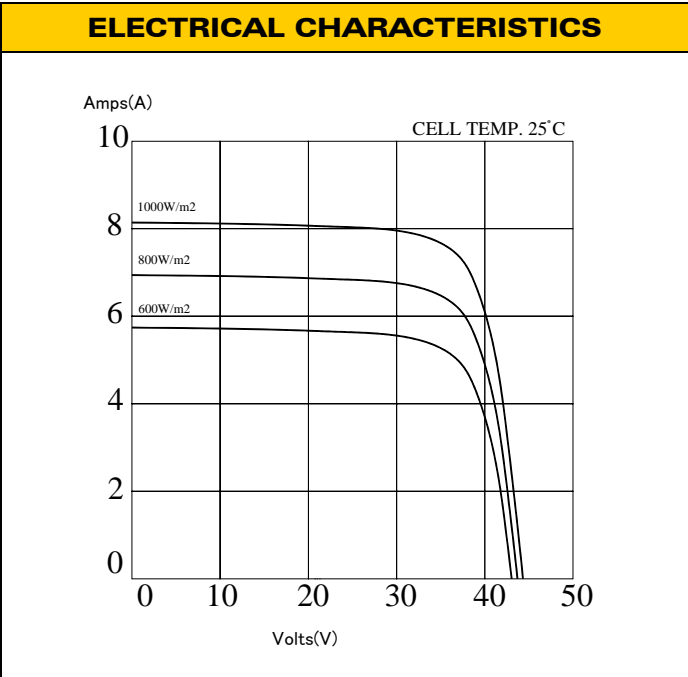
- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 72 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.

LM250BB00/LM255BB00/ LM260BB00/ LM265BB00/ LM270BB00/

LM275BB00/LM280BB00/LM285BB00/ LM290BB00/

Maximum power (Pmax)	250W	255W	260W	265W	270W	275W	280W	285W	290W
Maximum power voltage (Vpm)	34.06 V	34.28 V	34.53 V	34.83 V	34.98 V	35.22 V	35.36 V	35.50 V	35.72 V
Maximum power current (Ipm)	7.34 A	7.44 A	7.53 A	7.61 A	7.72 A	7.81 A	7.92 A	8.03 A	8.12 A
Open circuit voltage (Voc)	43.77 V	43.92 V	44.06 V	44.20 V	44.28 V	44.35 V	44.49 V	44.56 V	44.64 V
Short circuit current (Isc)	7.86 A	7.93 A	8.00 A	8.06 A	8.13 A	8.21 A	8.27 A	8.33 A	8.39 A
Module efficiency (ηm)	13.0%	13.2%	13.5%	13.8%	14.0%	14.3%	14.5%	14.8%	15.1%
No. & type solar cells	72 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	1946x990x50 mm±1 mm/76.6”x39”x2”±0.04”								
Weight	23.4 kg/51.59 lbs								
Output Terminal(Tyco J-Box)	1394462-4(-)/6-1394461-2(+)								

(STC) Standard Test Conditions: 25°C, 1 kW/m², AM 1.5



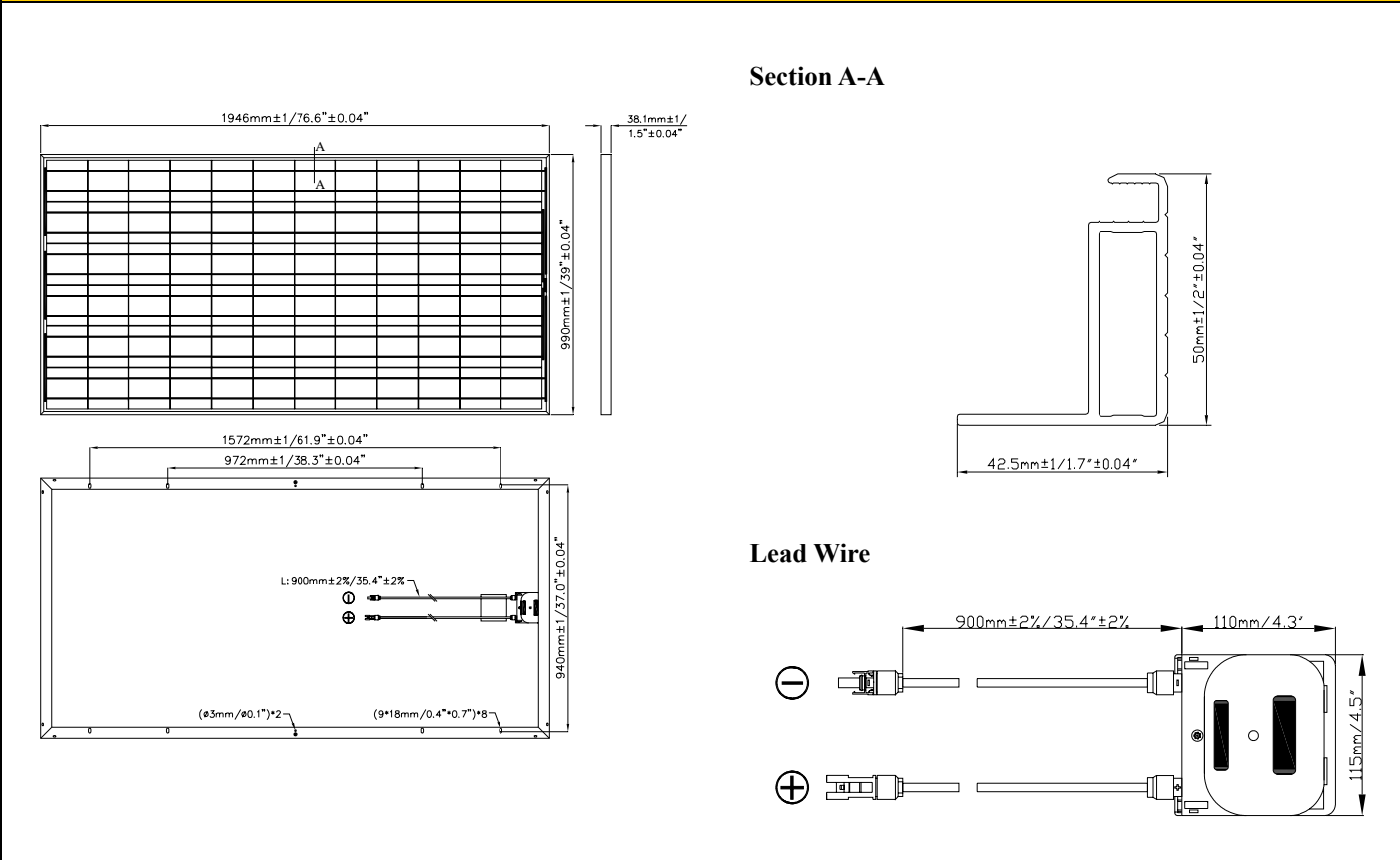
Temperature coefficient of Isc: 0.08%/°C

Power temperature coefficient: -0.38%/°C

Temperature coefficient of Voc: -0.32%/°C

NOCT: 46±1°C

OUTLINE DIMENSIONS



Field wiring: Cu wiring only, min. 14 AWG, insulated for 90°C min.

