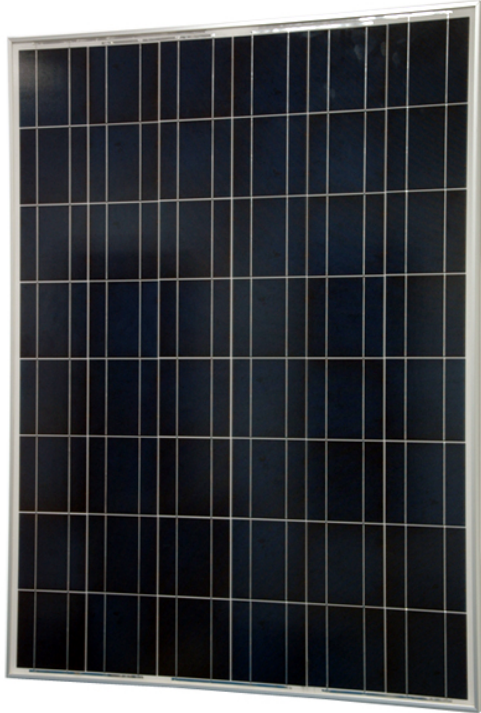




Ligitek Photovoltaic Co., Ltd.



FEATURES:

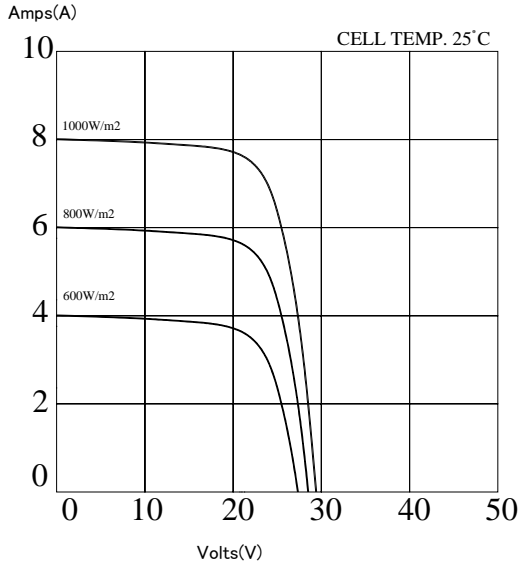
- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 48 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.

LM160BB00/LM165BB00/ LM170BB00/ LM175BB00/ LM180BB00/

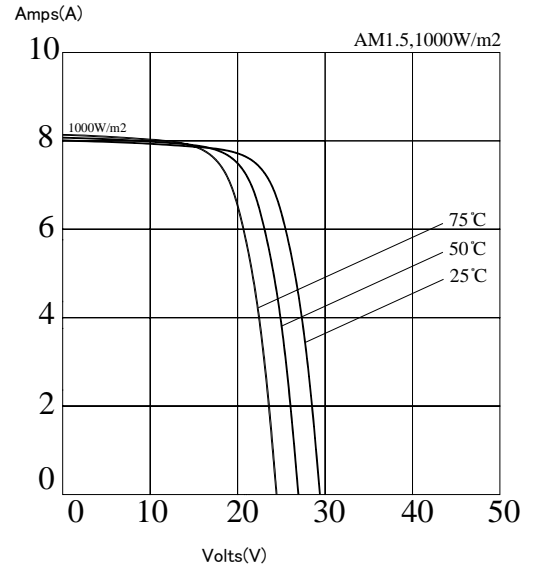
| Maximum power (Pmax) | 160W | 165W | 170W | 175W | 180W |
|-----------------------------|--|---------|---------|---------|---------|
| Maximum power voltage (Vpm) | 22.73 V | 22.80 V | 22.90 V | 22.97 V | 23.05 V |
| Maximum power current (Ipm) | 7.04 A | 7.24 A | 7.43 A | 7.62 A | 7.81 A |
| Open circuit voltage (Voc) | 28.99 V | 29.13 V | 29.37 V | 29.52 V | 29.66 V |
| Short circuit current (Isc) | 7.62 A | 7.77 A | 8.00 A | 8.13 A | 8.27 A |
| Module efficiency (ηm) | 12.3% | 12.7% | 13.1% | 13.5% | 13.8% |
| 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±1 mm/51.5”x39”x1.5”±0.04” | | | | |
| Weight | 14.9 kg/32.85 lbs | | | | |
| Output Terminal(Tyco J-Box) | 1394462-4(-)/6-1394461-2(+) | | | | |

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

ELECTRICAL CHARACTERISTICS



DEPENDENCE ON TEMPERATURE



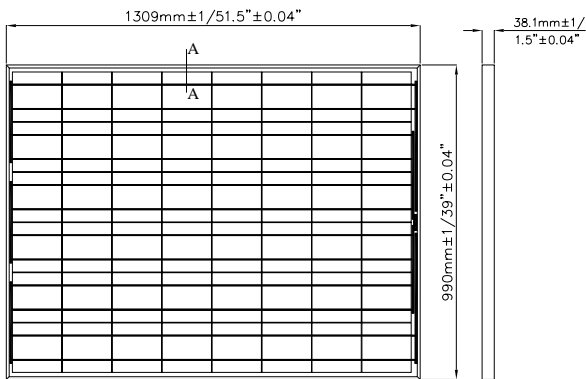
Temperature coefficient of Isc: 0.08%/°C

Power temperature coefficient: -0.38%/°C

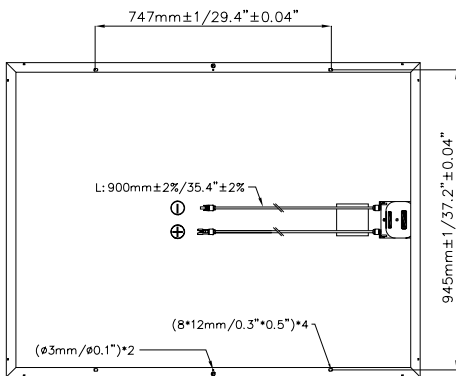
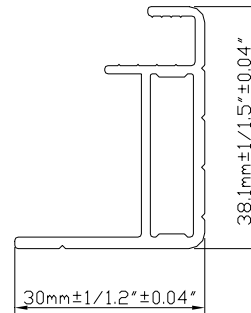
Temperature coefficient of Voc: -0.32%/°C

NOCT: 46±1°C

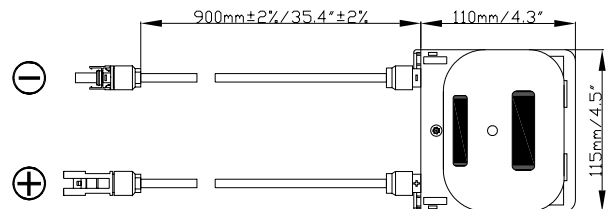
OUTLINE DIMENSIONS



Section A-A



Lead Wire



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