



Ligitek Photovoltaic Co., Ltd.



FEATURES:

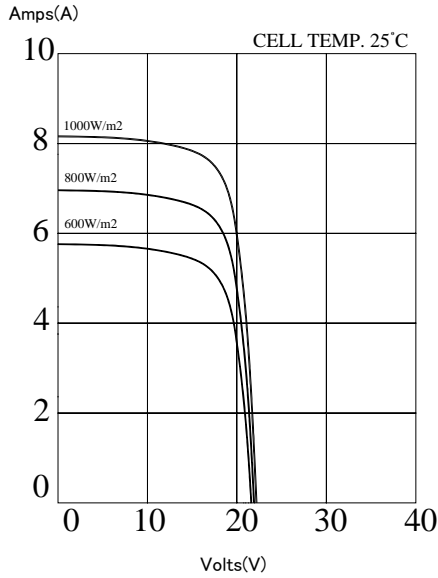
- Single crystalline silicon photovoltaic module.
- High power module using 6" mono crystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 36 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.

LM110BA00/LM115BA00/ LM120BA00/ LM125BA00/ LM130BA00/

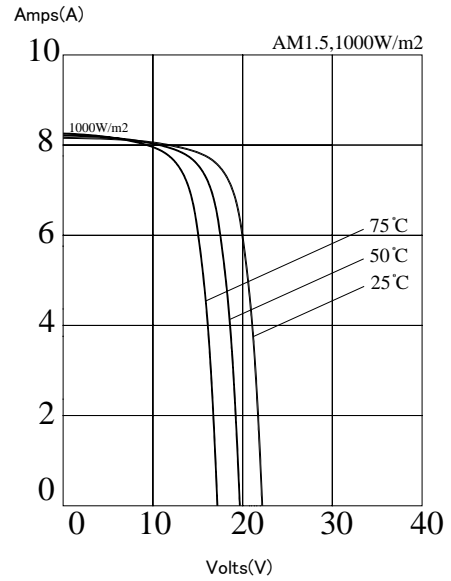
| Maximum power (Pmax) | 110W | 115W | 120W | 125W | 130W |
|-----------------------------|--|---------|---------|---------|---------|
| Maximum power voltage (Vpm) | 17.35 V | 17.40 V | 17.44 V | 17.49 V | 17.55 V |
| Maximum power current (Ipm) | 6.34 A | 6.61 A | 6.88 A | 7.15 A | 7.41 A |
| Open circuit voltage (Voc) | 21.60 V | 21.70 V | 21.81 V | 21.92 V | 22.14 V |
| Short circuit current (Isc) | 7.17 A | 7.41 A | 7.65 A | 7.87 A | 8.15 A |
| Module efficiency (ηm) | 11.4% | 11.9% | 12.4% | 12.9% | 13.4% |
| No. & type solar cells | 36 in series/ 6"(156x156 mm) single | | | | |
| 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 | 1466x660x38.1 mm±1 mm/57.7"x26"x1.5"±0.04" | | | | |
| Weight | 11.8 kg/26.01 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



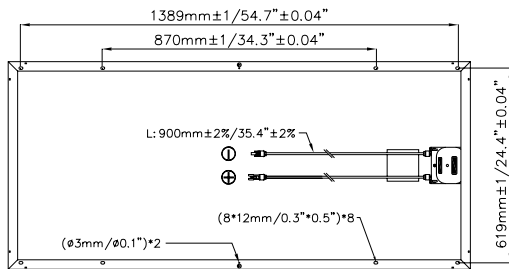
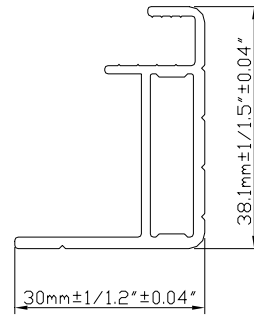
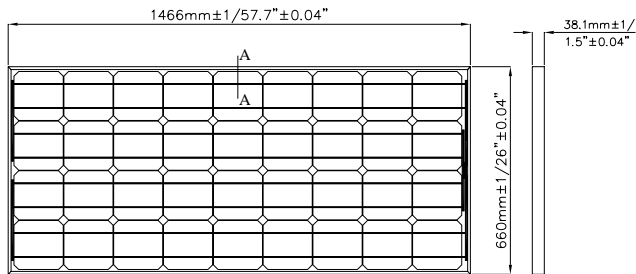
Temperature coefficient of Isc: 0.03%/°C

Power temperature coefficient: -0.29%/°C

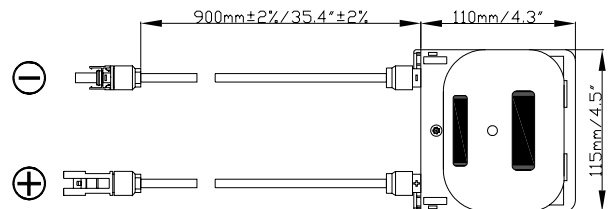
Temperature coefficient of Voc: -0.30%/°C

NOCT:46±1°C

OUTLINE DIMENSIONS



Lead Wire



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