



# Ligitek Photovoltaic Co., Ltd.



## FEATURES:

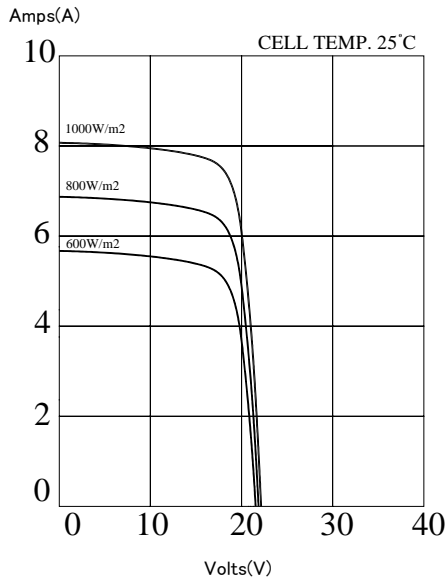
- Multicrystalline silicon photovoltaic module.
- High power module using 6" multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 36 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.

**LM110BB00/LM115BB00/ LM120BB00/ LM125BB00/ LM130BB00/**

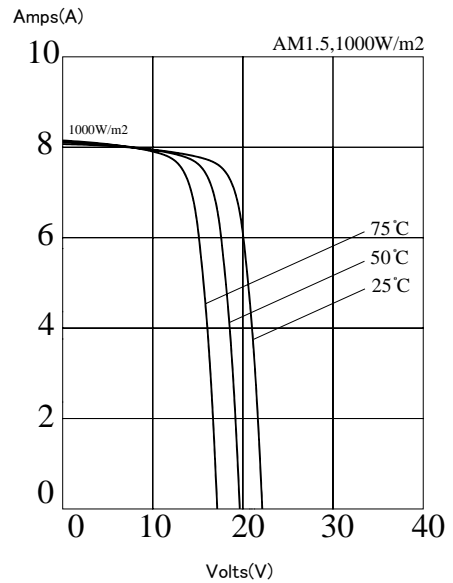
Maximum power (Pmax)	110W	115W	120W	125W	130W
Maximum power voltage (Vpm)	17.05 V	17.16 V	17.34 V	17.55 V	17.75 V
Maximum power current (Ipm)	6.46 A	6.70 A	6.93 A	7.13 A	7.33 A
Open circuit voltage (Voc)	21.45 V	21.56 V	21.85 V	21.89 V	22.10 V
Short circuit current (Isc)	7.21 A	7.40 A	7.77 A	7.86 A	8.06 A
Module efficiency (ηm)	11.4%	11.9%	12.4%	12.9%	13.4%
No. & type solar cells	36 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	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/m<sup>2</sup>, AM 1.5

**ELECTRICAL CHARACTERISTICS**



**DEPENDENCE ON TEMPERATURE**



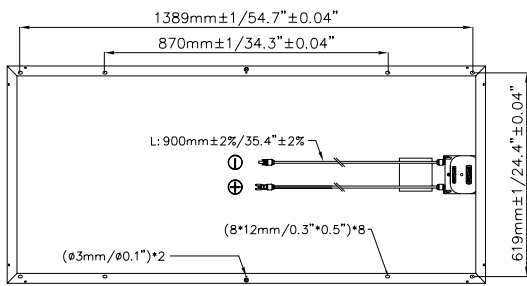
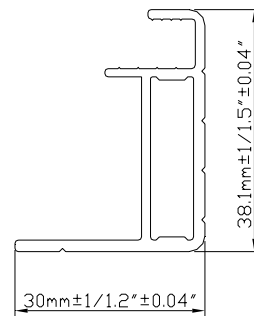
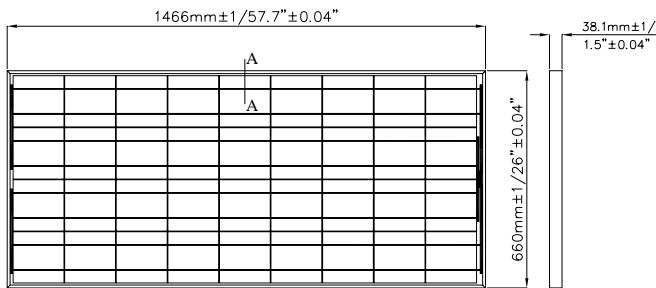
Temperature coefficient of Isc: 0.08%/°C

Power temperature coefficient: -0.38%/°C

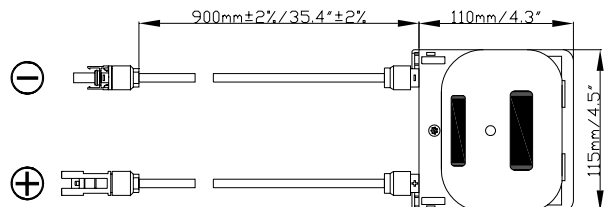
Temperature coefficient of Voc: -0.32%/°C

NOCT:46±1°C

**OUTLINE DIMENSIONS**



**Lead Wire**



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