



# Ligitek Photovoltaic Co., Ltd.



## FEATURES:

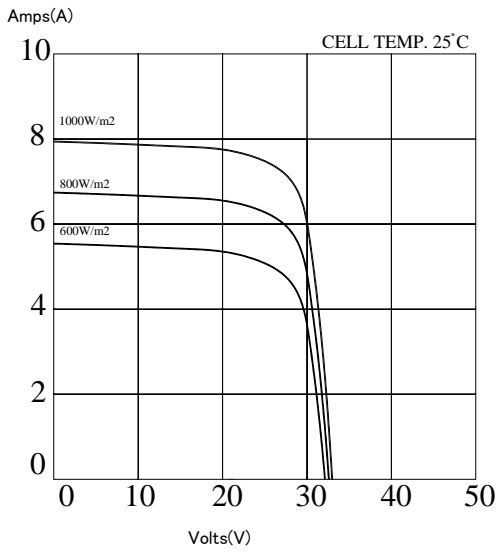
- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 54 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.

## LM185BB00/LM190BB00/ LM195BB00/ LM200BB02/

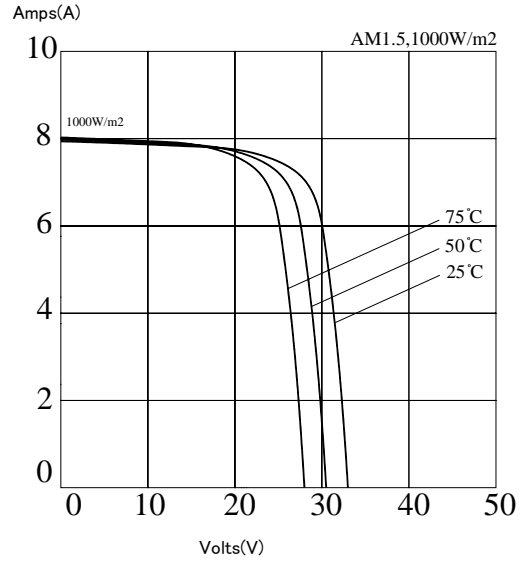
Maximum power (Pmax)	185W	190W	195W	200W
Maximum power voltage (Vpm)	25.62 V	25.85 V	26.08 V	26.30 V
Maximum power current (Ipm)	7.23 A	7.35 A	7.48 A	7.62 A
Open circuit voltage (Voc)	32.88 V	32.94 V	33.15V	33.26 V
Short circuit current (Isc)	7.87 A	7.93 A	8.06 A	8.21 A
Module efficiency (ηm)	12.7%	13.1%	13.4%	13.8%
No. & type solar cells	54 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	1466x990x38.1 mm±1 mm/57.7”x39”x1.5”±0.04”			
Weight	18.0 kg/39.68 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**



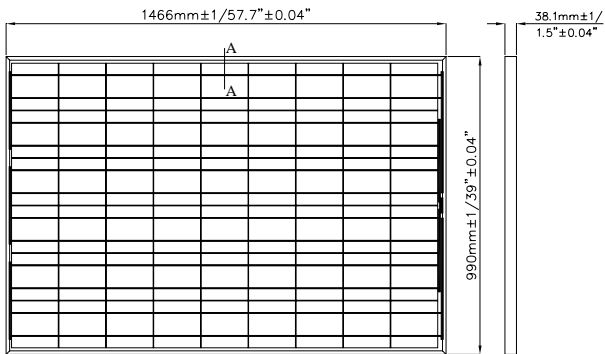
Temperature coefficient of Isc: 0.08%/°C

Power temperature coefficient: -0.38%/°C

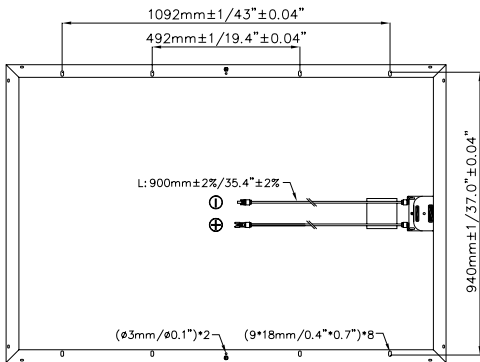
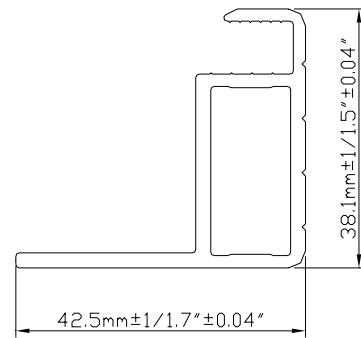
Temperature coefficient of Voc: -0.32%/°C

NOCT:46±1°C

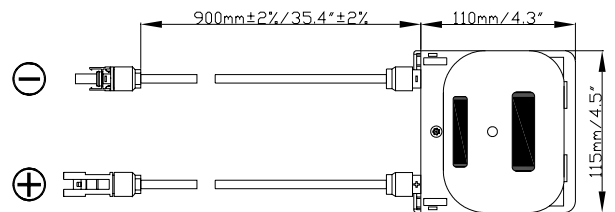
**OUTLINE DIMENSIONS**



**Section A-A**



**Lead Wire**



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