



Ligitek Photovoltaic Co., Ltd.



FEATURES:

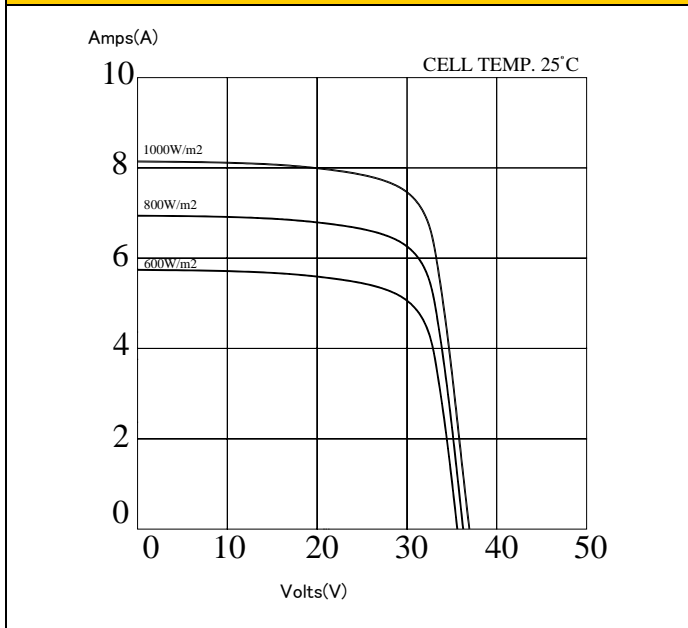
- Multicrystalline silicon photovoltaic module.
- High power module using 6” multicrystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 60 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.
- ± 5400 Pa testing load, extended test to CNS13972 for wind and snow loads.

**LM200BB00/LM205BB00/ LM210BB00/ LM215BB00/ LM220BB00/
LM225BB00/LM230BB00/LM235BB00/ LM240BB00/**

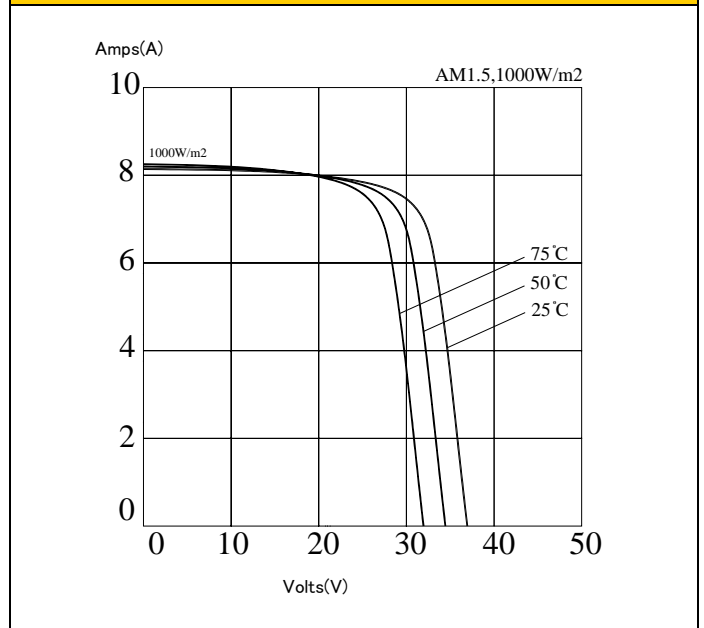
Maximum power (Pmax)	200W	205W	210W	215W	220W	225W	230W	235W	240W
Maximum power voltage (Vpm)	28.44 V	28.60 V	28.72 V	28.86 V	29.20 V	29.34 V	29.49 V	29.63 V	29.77 V
Maximum power current (Ipm)	7.04 A	7.17 A	7.32 A	7.45 A	7.54 A	7.67 A	7.80 A	7.93 A	8.06 A
Open circuit voltage (Voc)	36.24 V	36.42 V	36.60 V	36.72 V	36.90 V	37.08 V	37.20 V	37.26 V	37.38 V
Short circuit current (Isc)	7.62 A	7.77 A	7.93 A	8.00 A	8.13 A	8.27 A	8.39 A	8.45 A	8.57 A
Module efficiency (η_m)	12.4%	12.7%	13.0%	13.4%	13.6%	14.0%	14.3%	14.6%	14.9%
No. & type solar cells	60 in series/ 6”(156x156 mm) multicry								
Maximum system voltage	TUV:DC 1000 V/UL:DC 600 V								
Series fuse rating	15 A								
Performance tolerance	$\pm 3\%$								
Operating temperature	-40 to +90 °C								
Storage temperature	-40 to +90 °C								
Dimensions	1626x990x38.1 mm ± 1 mm/64”x39”x1.5” ± 0.04 ”								
Weight	20.0 kg/44.09 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



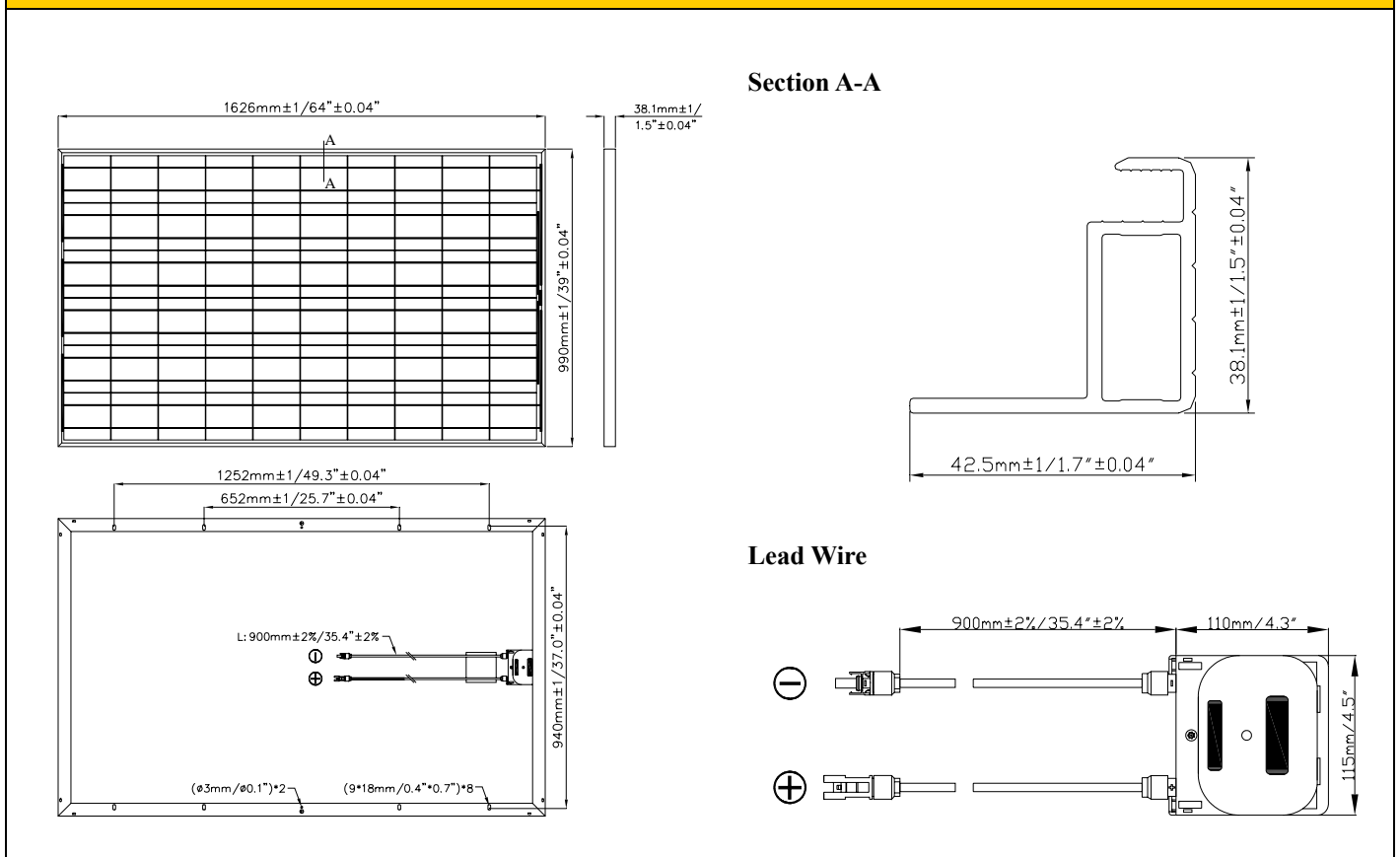
Temperature coefficient of Isc: 0.08%/°C

Power temperature coefficient: -0.38%/°C

Temperature coefficient of Voc: -0.32%/°C

NOCT:46±1°C

OUTLINE DIMENSIONS



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

