



# Ligitek Photovoltaic Co., Ltd.



## FEATURES:

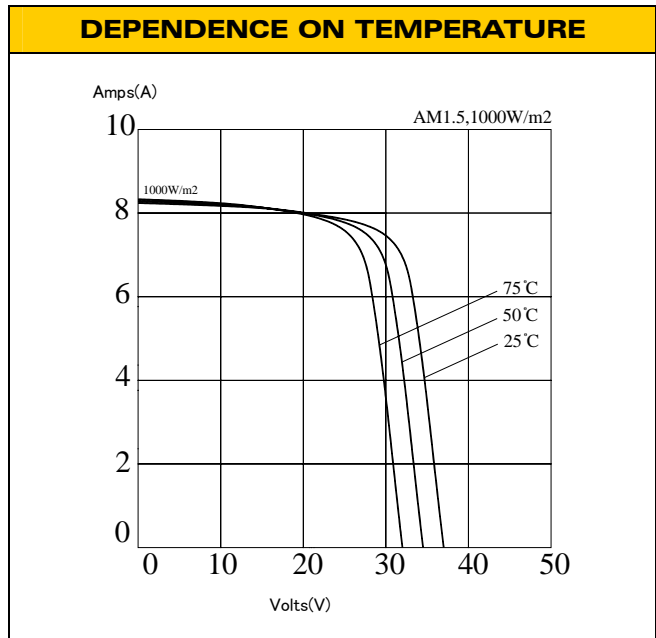
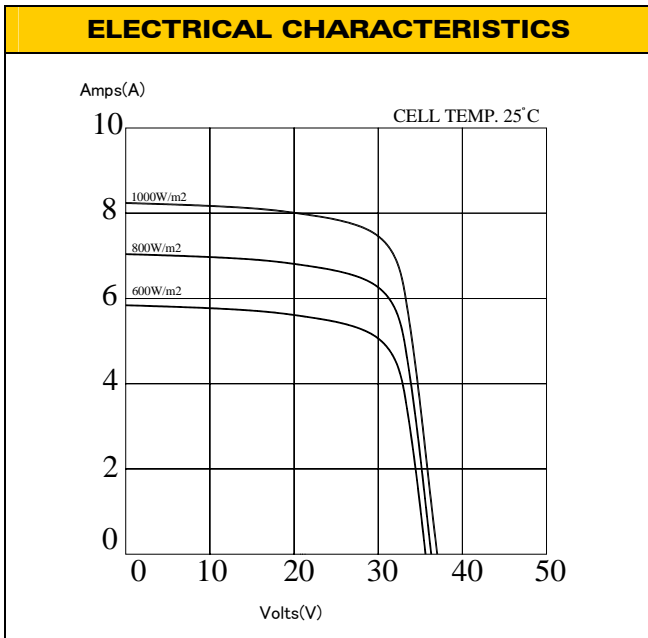
- Single crystalline silicon photovoltaic module.
- High power module using 6” mono crystalline solar cell.
- Bypass diode is attached minimize power reduction caused by shade.
- 60 solar cells and connection in series.
- Using optical low iron tempered glass, EVA resin, module for outdoor use.
- $\pm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

**LM200BA00/LM205BA00/ LM210BA00/ LM215BA00/ LM220BA00/  
LM225BA00/LM230BA00/LM235BA00/ LM240BA00/**

Maximum power (Pmax)	200W	205W	210W	215W	220W	225W	230W	235W	240W
Maximum power voltage (Vpm)	28.98 V	29.08 V	29.16 V	29.25 V	29.34 V	29.42 V	29.51 V	29.59 V	29.67 V
Maximum power current (Ipm)	6.91 A	7.05 A	7.21 A	7.36 A	7.50 A	7.65 A	7.80 A	7.95 A	8.09 A
Open circuit voltage (Voc)	36.36 V	36.48 V	36.60 V	36.78 V	36.96 V	37.02 V	37.14 V	37.26 V	37.44 V
Short circuit current (Isc)	7.65 A	7.79 A	7.95 A	8.08 A	8.23 A	8.30 A	8.42 A	8.49 A	8.70 A
Module efficiency ( $\eta_m$ )	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) single								
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 $\pm 1$ mm/64”x39”x1.5” $\pm 0.04$ ”								
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/m<sup>2</sup>, AM 1.5

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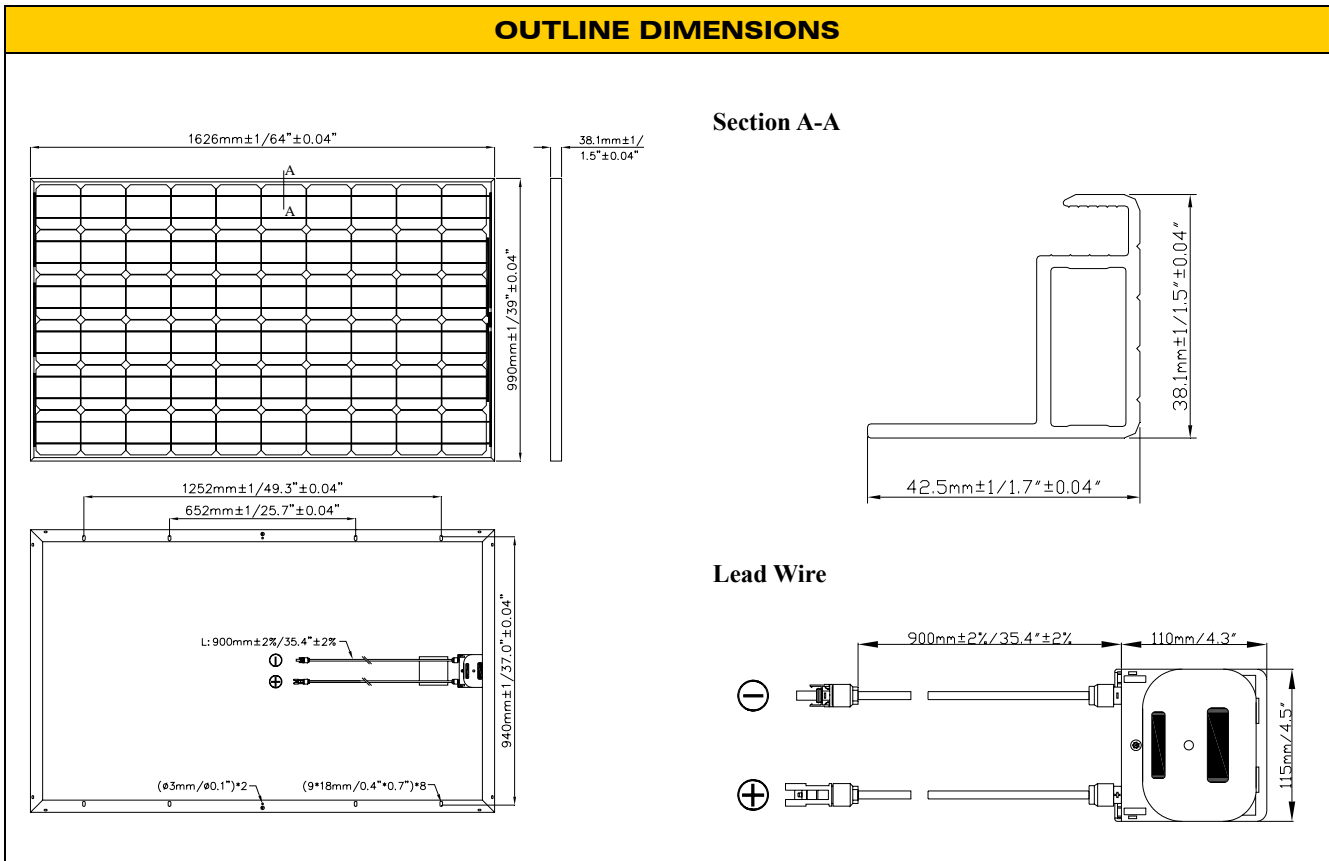


Temperature coefficient of Isc: 0.03%/°C

Power temperature coefficient: -0.29%/°C

Temperature coefficient of Voc: -0.30%/°C

NOCT:46±1°C



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

