

LM220BB00

**MULTICRYSTALLINE SILICON PHOTOVOLTAIC MODULE
WITH 220W MAXIMUM POWER**

CERTIFICATION:

- ISO 9001

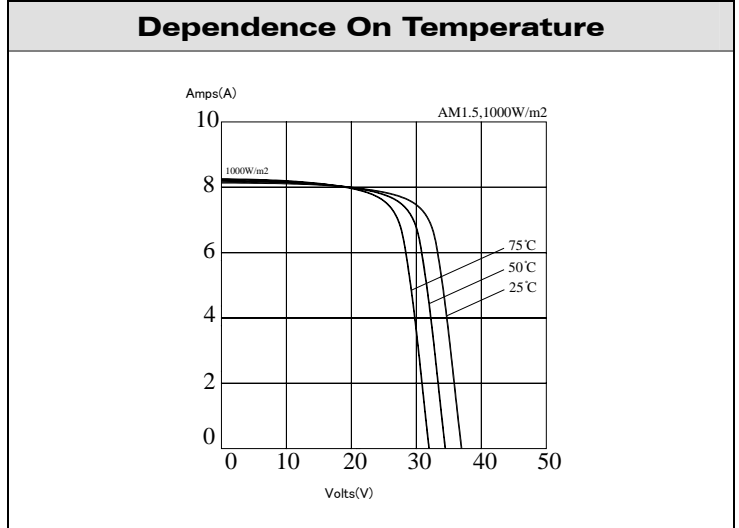


FEATURES:

- 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 with aluminum frame for outdoor use.

ELECTRICAL CHARACTERISTICS	
Maximum power (Pmax)	220 W
Maximum power voltage (Vpm)	29.20 V
Maximum power current (Ipm)	7.54 A
Open circuit voltage (Voc)	36.90 V
Short circuit current (Isc)	8.13 A
Module efficiency (η_m)	13.6 %
Cell	Multicry
No. of cells and connections	60 in series
Maximum system voltage	DC 1000V
Series fuse rating	15A
Performance tolerance	$\pm 3\%$
MECHANICAL CHARACTERISTICS	
Dimensions	1626x990x38.1mm ± 1 mm
	64"x39"x1.5" ± 0.04 "
Weight	24.3kg
	53.57lbs
Output Terminal(Tyco J-Box)	1394462-4(-)
	6-1394461-2(+)

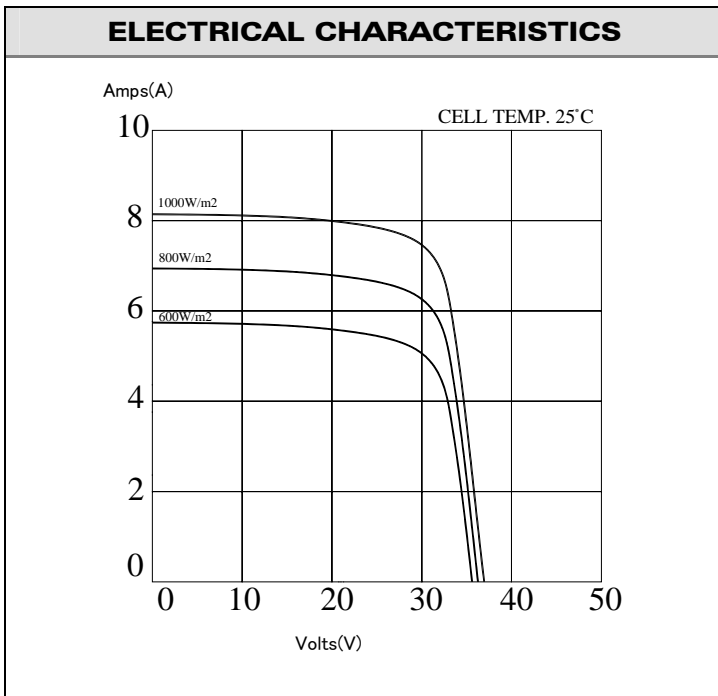
ABSOLUTE MAXIMUM RATINGS		
Parameters	Rating	Unit
Operating temperature	-40 to +90	$^{\circ}\text{C}$
Storage temperature	-40 to +90	$^{\circ}\text{C}$
Dielectric voltage withstood	2200 max	V-DC



Temperature coefficient of Isc: 3.25mA/ $^{\circ}\text{C}$

Temperature coefficient of Voc: -132.60mV/ $^{\circ}\text{C}$

Power temperature coefficient: -0.55%/ $^{\circ}\text{C}$



Specifications are subject to change without notice.

Standard Test Conditions : 25°C, 1 KW/m², AM 1.5

Pacific Test Conditions : 20°C, 1 KW/m², AM 1.5 1 m/s wind speed

