

**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.



AP-PM-22					
ELECTRICAL CHARACTERISTICS					
Pmax (W)	240	230	220	210	200
Vpm (V)	29.77	29.49	29.20	28.72	28.44
Ipm (A)	8.06	7.80	7.54	7.32	7.04
Voc (V)	37.38	37.20	36.90	36.60	36.24
Isc (A)	8.57	8.39	8.13	7.93	7.62
Efficiency (%)	14.9	14.3	13.6	13	12.4
Cell Type	Poly				
Cell No.	60				
Max. system Voltage (V)	1000				
Series Fuse rating (A)	15				
Performance Tolerance	+3%				

Standard Test Conditions: AM1.5, 25°C, 1000W/m<sup>2</sup>

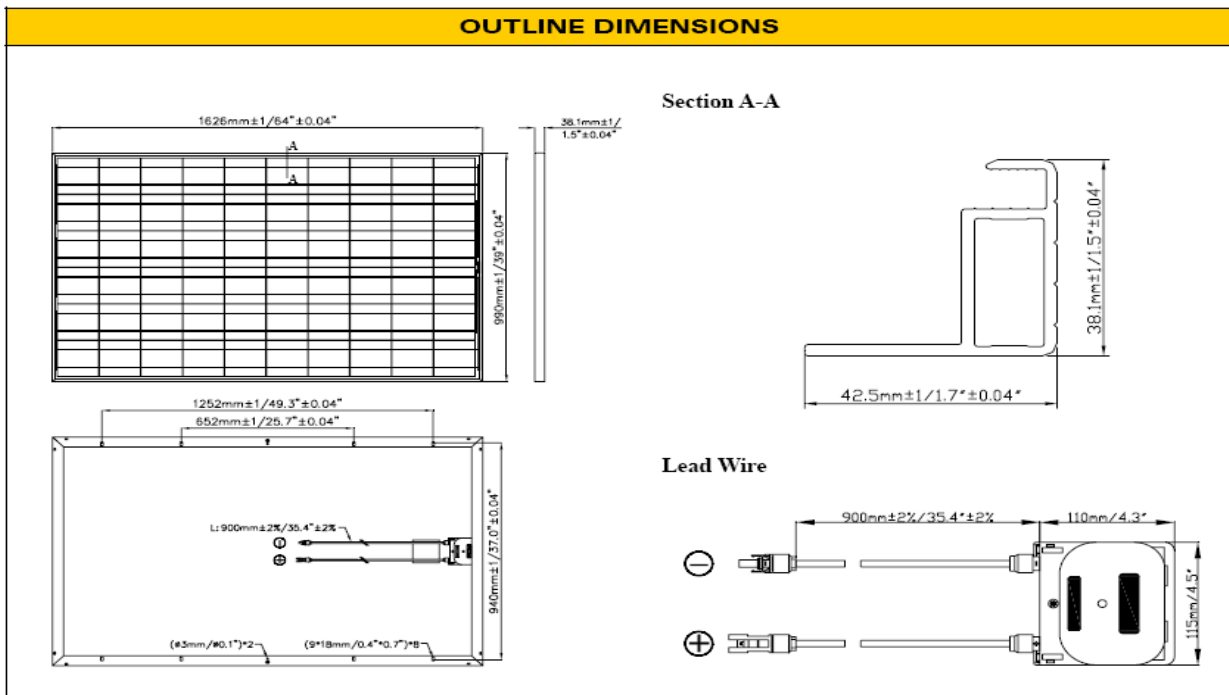
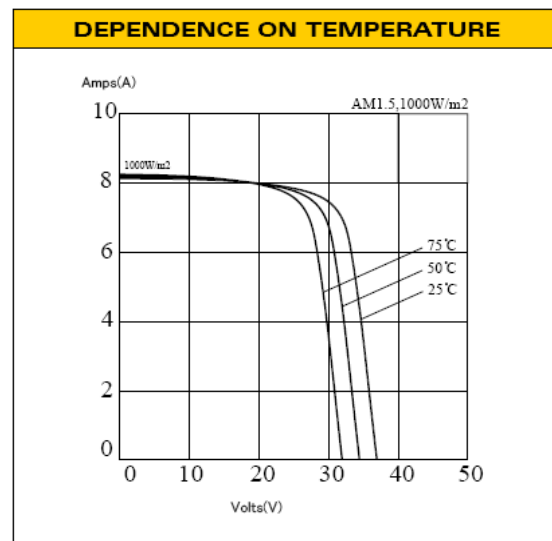
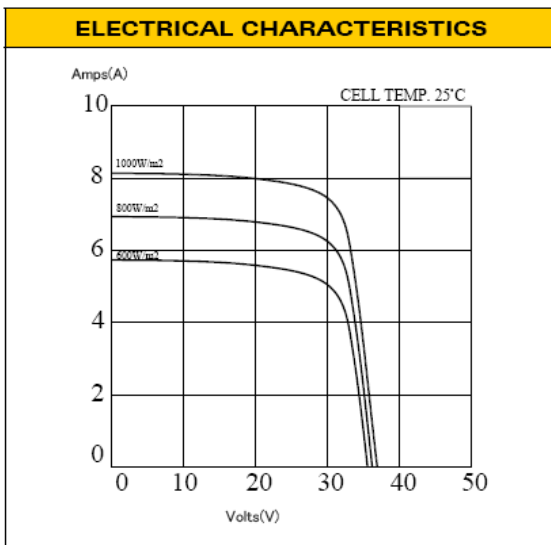
ABSOLUTE MAXIMUM RATINGS		MECHANICAL CHARACTERISTICS	
Parameters	Rating	Dimensions (mm)	1626x990x38.1
Operating Temperature (°C)	-40 ~ 90	Weight (kg)	24.3
Storage Temperature (°C)	-40 ~ 90	Packing	12Pcs/Carton
Dielectric Voltage withstood (V)	DC 2200	40 Ft Container	624Pcs
		20 Ft Container	312Pcs

Temperature Coefficient of Isc: 0.08%/°C

Temperature Coefficient of Voc:- 0.32%/°C

NOCT:46±1°C

Power Temperature Coefficient:- - 0.38%/°C



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