

# Galaxy Inverter – Mercury 2200



- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Built-in 100A MPPT solar charger
- Battery equalization function to optimize battery performance and extend the lifecycle
- Built-in anti-dust kit for harsh environment
- Dual outputs selected as either programmable output or generator input

MODEL	Mercury 2200
Rated Power	1500W
<b>INPUT</b>	
Voltage	230 VDC
Selectable Voltage Range	179-280VAC (For Personal Computers) ; 90-280 (For Home Appliances)
Frequency Range	50 Hz/ 60Hz (AUto Sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	3000W
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	12 VDC
Floating Charge Voltage	13.5 VDC
Overcharge Protection	16 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	PV 2000W
MPP Range @ Operating Voltage	90~430VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	360x270x100
Net Weight (kgs)	5
Communication Interface	RS232/WIFI/GPRS
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.