

**Product Data Sheet**

MODEL	SP-2200	SP-3200	SP-4000	SP-7000
<b>Rated Power</b>	<b>2200VA/1800W</b>	<b>3200VA/3000W</b>	<b>4000VA/3600W</b>	<b>7000VA/6200W</b>
<b>INPUT</b>				
Voltage	230VAC			
Selectable Voltage Range	170-280VAC (for personal computers) 90-280VAC (for home appliances)			
Frequency Range	50Hz/60Hz (Auto sensing)			
<b>OUTPUT</b>				
AC Voltage Regulation (Batt. Mode)	230VAC±5%			
Surge power	4400VA	6400VA	8000VA	14000VA
Transfer Time	10ms (for personal computers) 20ms (for home appliances)			
Wave form	Pure Sine Wave			
<b>BATTERY &amp; AC CHARGER</b>				
Battery Voltage	12VDC	24VDC	24VDC	48VDC
Floating Charge Voltage	13.5VDC	27VDC	27VDC	54VDC
Overcharge Protection	15.5VDC	31VDC	31VDC	61VDC
Maximum charge current	60A		80A	
<b>SOLAR CHARGER</b>				
MAX. PV Array Power	2000W	3000W	5000W	6000W
MPPT Range@ Operating Voltage	55-450VDC			
Maximum PV Array Open Circuit Voltage	450VDC			
Maximum Charging Current	80A		110A	
Maximum Efficiency	98%			
<b>PHYSICAL</b>				
Dimension. D*W*H(mm)	405*286*98mm		423*290*100mm	423*310*120mm
Net Weight (kgs)	4.5kg	5.0kg	7.0kg	8.0kg
Communication Interface	RS232/RS485 (Standard) GPRS/WIFI (Optional)			
<b>OPERATING ENVIRONMENT</b>				
Humidity	5% to 95% Relative Humidity (No-condensing)			
Operating Temperature	-10°C to 55°C			
Storage Temperature	-15°C to 60°C			