

## Line-Interactive Uninterruptable Power Supply With Solar Controller

- Simple operation
- Fully automatic
- Uninterrupted Power (UPS)
- All-in one cabinet
- 1000W Pure Sine Wave output
- 10A/20A battery charger settings
- Intelligent CPU control
- Solar charge controller
- 2 x 100ah battery space
- Automatic voltage regulation
- Display: battery charge, input/output voltage
- 2 x peak surge capacity
- Fan cooling
- Lockable battery compartment
- No exposed wiring
- 12 Month warranty



45cm x 45cm x 40cm

MODEL	SPS-1000
Rated Power	1000W
Peak Surge	2000W
Storage Battery	24V Deep Cycle – LEAD ACID / AGM / GEL
Charging Mode	Mains 10A or 20A (Selectable) or PV charging
<b>PWM SOLAR CONTROLLER</b>	
Connection	Standard $\pm$ ports
Voltage	24V
Current	50A (Max) (depends on power of solar panels)
<b>AC MODE</b>	
Input Voltage	145-275VAC
Input Frequency	50Hz
Output Voltage	220VAC $\pm$ 10%
Short Circuit	Breaker
<b>INVERTER MODE</b>	
Output Voltage	220VAC $\pm$ 10%
Output Frequency	50 $\pm$ 1%Hz (auto detection)
Output Wave Form	Pure sine wave
<b>PROTECTION</b>	
Transfer Time	Typical 2-6ms
Overload	110% shut down within 60sec. 120% shut down within 5sec.
Short Circuit	$\geq$ 20ms automatic shut down
Protection	Discharge, overcharge and overload protection.
<b>OTHER</b>	
LCD Display	Voltage input/output. Battery status. Overload.
Dimensions (cm)	45 x 45 x 40
Operating Environment	0°C - 40°C. Humidity 20% - 90% non-condensing
Noise Level	Less than 40db
Weight	27Kg (Excluding Batteries)