

Pure Sine Wave Line Interactive UPS

1. Microprocessor-based Digital Control
2. Pure Sine Wave Output Waveform
3. Wide Input Voltage Range & Frequency Range
5. Full Protection against Overload, Short Circuit etc.
6. Self detection of input frequency (50Hz/60Hz)
7. Battery Self Diagnosis
8. Switch ON and OFF Automatically
9. Full AVR
10. Humanized Audio Alarm
11. High Speed of in-phase transfer
12. No Load Shut off function in INV mode (optional)
13. Intelligent Communication Ports Available (RS232/USB/SNMP)



Model/ Capacity	SP-1K/ 1KVA	SP-1.5K/ 1.5KVA	SP-2K/ 2KVA	SP-3K/ 3KVA
AC Mode				
Input Voltage	165-280VAC/145-280 (OPTIONAL)			
Frequency	45/65 Hz (transfer to battery mode if out of this range)			
Output Voltage	190-245VAC			
Efficiency	≥96% (AC Mode)			
Overload in AC mode	110% transfer to bypass within 60sec;			
	120% transfer to bypass within 30sec;			
	Automatically recovery if decrease the load capacity			
Short Circuit	Protected by Input Fuse			
Inverter Mode				
Output Voltage	220VAC ±5%			
Output Frequency	50/60 Hz ±1% self-detection			
Output P.F.	≥0.6			
Waveform	Pure Sine Wave			
Harmonic Distortion	5% (Linear Load)			
Battery Backup Time	≥10min (PC load)			
Transfer Time	Typical value 5 ms, Max:8ms			
Efficiency	≥80min (INV Mode)			
Overload in INV Mode	110% Shut down within 60 sec;			
	120% Shut down within 5 sec;			
Short Circuit	≥20ms System shut down automatically			
Alarm				
AC abnormal	Once every 4sec, be silent after 40s			
Battery low	Once every 0.2sec			
Overload	Once every 1sec			
Others				
Ambient Temperature	0°C-40°C			
Ambient Humidity	10%-90% (No Condensing)			
Noise	≤50 dB (1m)			