

# High Frequency Online UPS 1KVA/2KVA/3KVA



## FUNCTIONS

- Real-time Dual Conversion
- Microprocessor control ensures high reliability
- Power factor up to 0.9
- Wide input voltage range(110V-300V)
- Output sine wave,compatible with generators
- Optional SNMP card for independent or seamless monitoring with RS232

## APPLICATIONS FIELDS

Widely used in network management centers and computers, banks, securities, taxation, communications, postal services, radio and television, public security, transportation, electric power, medical, industrial control, national defense and other important data fields.

Model	SP1K(S)	SP2K(S)	SP3K(S)	
Phase	Single-phase			
Capacity	1KVA/900W	2KVA/1800W	3KVA/2700W	
<b>Input</b>				
Input voltage	100/110/115/120/127VAC or 200/208/220/230/240VCA			
Voltage range	115~300VAC			
Input frequency	40Hz~70Hz			
Power factor	≥0.99@100% load			
<b>Output</b>				
Output voltage	100/110/115/120/127VAC or 200/208/220/230/240VCA			
AC voltage regulation	±1%			
Frequency (synchronous range)	47-53Hz/57-63Hz			
Frequency range (Battery Mode)	50Hz±0.25Hz/60Hz±0.3Hz			
Current crest ratio	3:1			
Waveform balance	≤3%THD Linear Load ≤6%THD Non-linear Load			
Transfer time	0ms			
Output waveform	Pure Sine Wave			
<b>Efficiencies</b>				
Mains mode	93%	93%	95%	
Battery mode	91%	91%	92%	
<b>Battery</b>				
Standard UPS	Battery model	12V/7AH		
	battery amount	2	4	6
	Charging time	6 hours to be 90% full capacity		
	Max charging current	1A		
External battery UPS	Battery model	Depends on the applicant		
	Batteries quantity	3	6	8
	Max charging current	1A/2A/4A/6A adjustable		
	Charging voltage	41VDC±1%	54.7VDC±1%	109VDC±1%
<b>Display instructions</b>				
LCD	Load size, battery capacity, mains mode, battery mode, bypass mode, fault indication			
<b>Physical performance</b>				
Standard UPS	Size (MM)	280*148*220	395*148*220	425*192*320
	Weight (KG)	8.1	14.2	20.8
External battery UPS	Size (MM)	280*148*220	460*190*330	425*192*320
	Weight (KG)	4.1	6.2	11
<b>Usage environment</b>				
Humidity	20-90%RH@0-40℃ No condensation			
Noise	<50dBA@1M			
<b>Control management</b>				
SmartRS-232/USB	Be in favor of Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, MAC			
SNMP Optional SNMP	Power management supports SNMP management and network management			

Products specifications are subject to change without further notice