

HIGH FREQUENCY ONLINE UPS

KEY FEATURES

- ◆ High frequency double conversion online UPS 1KVA
- ◆ DSP digital control technology, Zero Transfer Time
- ◆ Single Phase, Pure Sine Wave
- ◆ Wide Input voltage range, Wide Input frequency
- ◆ Support Generator, Output Hz be fixed or follow mains
- ◆ Advanced Input PFC Technology 0.99
- ◆ Self-testing, ECO and Advanced battery management function
- ◆ Automatic battery charging while UPS off mode
- ◆ Lightning and Surge Protection, Short Circuit and Overload Protection
- ◆ LCD Display



TECHNICAL SPECIFICATION

Item	Model	XG1K
Capacity	VA / Watts	1000VA / 900W
Input	Normal Voltage	220VAC/230VAC
	Voltage Window (minimum-maximum)	120-300VAC
	Frequency	60Hz
	Frequency Window	+/- 2Hz
	Input Power Factor	0.99(220VAC, full R load)
	Generator	Support generator input (Generator rating≥2*UPS rating)
Output	Voltage (On Battery)	220VAC
	Voltage Regulation	+/- 1%
	Frequency	60Hz
	Power Factor	0.90 (minimum)
	Waveform	Pure Sine Wave
	Transfer Time	0ms
	Distortion	≤4%, Full linear load
	Degree of Distortion	≤7%, Full nonlinear load
	Overload Capacity	<105% warning only, <125% 30s; <150% 20s, >150%, 300MS to bypass
	Load Peak Ratio	3:1 (max)
Battery	Battery Type	Maintenance free valve regulated lead acid (VRLA) battery
	Recharge Time	5 hours to 90% capacity
	Charge Current	1A
	Back-up Time	2 minutes, minimum at full load (900W)
Display	LCD Mode	input output HZ/VAC, Bat %/VDC, Load % and VA/Watts, Temp. LCD For input output HZ/VAC, Bat %/VDC, Load % and VA/Watts, Temp. LED for line, battery, Inverter, Bypass
Audible Alarm	Battery Mode	Beeping every 4 seconds (re-settable) and every second when battery low
	Overload	Beeping every 1 min
	Fault	Beeping Continuously
	Battery Low/Charger Fault	Beeping every 1 min
	Bypass Mode	Beeping every 2 min
	L/N Inverse	Beeping every 2 min
Protection		Overload and Short Circuit Protection
		Over and Under Voltage Protection
		Surge / Spike Protection
Working Environment	Surge Protection	RJ-45 I/O port available for network or Fax/Modem
	Working Temperature	0°C ~ 40°C
	Humidity	0-95% non-condensing
Certification		ISO and CE

