

# GX-2000-PSW

LINE INTERACTIVE UPS PURE SINE WAVE

GX-2000-PSW line interactive UPS uses line Interactive technology and provides a sinusoidal output with power factor 0.8. It ensures a high level of protection against mains power disturbances. When the mains power supply fails, it powers sensitive equipment with a perfectly sinusoidal supply for maximum power continuity and reliability. It is the ideal solution for the protection of peripheral network devices, servers, and network backup systems.



# FEATURES

- Pure Sinewave output
- Output power factor 0.8
- DSP Digital Control
- Boost and Buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test and Cold Start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode

# SPECIFICATIONS

MODEL	GX-2000-PSW
Capacity (VA/Watts)	2000 VA / 1600 W
DC INPUT	
Rated voltage	36 V (S) 48 V (H)
DC input range (default)	30 ~ 45 V (S) 40 ~ 60 V (H)
AC INPUT	
AC input range (bypass mode)	0 ~ 121 V / 132 V / 138 V / 144 Vac for 100 V / 110 V / 115 V / 120 Vac ± 10 Vac 0 ~ 242 V / 264 V / 276 V / 288 Vac for 200 V / 220 V / 230 V / 240 Vac ± 10 Vac
Frequency input range	50 Hz / 60 Hz (auto-sense), 50 Hz / 60 Hz ± 5% ~ 15%
Generator connection	Available (generator input power is settable)
OUTPUT	
Inverter output range	100 V / 110 V / 115 V / 120 Vac ± 5% (settable) 200 V / 220 V / 230 V / 240 Vac ± 5% (settable)
AC output range (bypass mode)	0 ~ 121 V / 132 V / 138 V / 144 Vac for 100 V / 110 V / 115 V / 120 Vac ± 10 Vac 0 ~ 242 V / 264 V / 276 V / 288 Vac for 200 V / 220 V / 230 V / 240 Vac ± 10 Vac
AC output range (mains mode)	100 V: 90 ~ 110 Vac    110 V: 99 ~ 121 Vac 115 V: 103 ~126 Vac 120 V: 108 ~132 Vac    200 V: 166 ~226 Vac 220 V: 188 ~245 Vac, 230 V: 199 ~ 254 Vac    240 V: 210 ~264 Vac
Output frequency	50 / 60 Hz ± 0.3 Hz (settable)
Waveform	Pure sine wave
Inverter efficiency	Max. 85%

Energy saving mode	Settable (< 3% load) , enter in 80 s	
No-load shutdown	Settable (< 3% load), shut down in 80 s	
Transfer time	≤ 10 ms	
THDV(resistive load)	≤ 5%	
Protections	Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature	
Overload time (mains mode)	120 s for 110%, 60 s for 125%, 10 s for 150% (transfer to bypass mode)	
Overload time (inverter mode)	60 s for 110%, 10 s for 125%, 5 s for 150% (Shut down directly)	
Mute	Automatic mute in 60 s or by manual	
<b>BATTERIES</b>		
Battery capacity (H: external expansion)	12 V / 9 Ah x 3 (H: 12 V x 4)	
Charging current	Standard model (S): 1 A (default)	
Line Mode	Long time model (H): 10 A (default); <10 A, set step 1 A; ≥	
Bypass Mode	10 A, set step 5 A	
	Max. 20 A (H)	
Equalizing charge voltage	Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable	
Floating charge voltage	Single battery 13.5 Vdc(default),13.2 ~ 14.6 Vdc adjustable	
Low voltage alarm point	Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable	
Low voltage shutdown point	Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable	
<b>COMMUNICATIONS</b>		
USB+RJ45	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10	
SNMP (optional)	Power management from SNMP manager and web browser (standard with slot)	
<b>OTHERS</b>		
Operating temperature	5°C~ 40°C	
Operating humidity	Relative humidity ≤ 93%	
Noise level	≤ 50 dB (1m)	
Tower	Dimensions (W×D×H) (mm)	410 x 215 x 144 (S) 345 x 215 x 144 (H)
	Packaged Dimensions (W×D×H) (mm)	492 x 316*236 (S) 427 x 316 x 236 (H)
	Net Weight (kg)	18.5 (S) 17.8 (H)
	Gross Weight(kg)	19.8 (S) 18.8 (H)
Rack mount	Dimensions (W×D×H) (mm)	440 × 410 × 132 (S)
	Packaged Dimensions (W×D×H) (mm)	611 × 505 × 235 (S)
	Net Weight (kg)	21.3 (S)
	Gross Weight (kg)	24.5 (S)