

Giganet line-interactive UPS is specially designed for Personal Computer with multi-functions. The light-weight, compact design perfectly fits the limited space. The UPS is equipped with two boosts and one buck AVR to stabilize the wide input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without an AC power supply.



FEATURES

Line Interactive UPS with simulated sinewave output
Excellent microprocessor control guarantees high reliability(Internal self-diagnostic technology)
Boost and buck AVR for voltage stabilization (wide input range with two boost and one buck control)
Auto restart while AC is recovering
Cold start function
Off-mode charging
Fast intelligent battery recharge function
Generator compatible
Offering LED and LCD panels for selections
Easy installation and operation with compact size
Ideally applicable for PC, Workstations, TVs, POS devices etc.
Optional USB/RS232 communication port and RJ11/RJ45 protection



- 1 AC input
- 2 Output socket
- 3 USB & RJ11 communication
- 4 USB & RS232 communication
- 5 RJ45



On UPS and Batteries



GIGANET BACKUP POWER

Line Interactive UPS 650-1200VA

Model	GN-UPS-LI-650VA	GN-UPS-LI-850VA	GN-UPS-LI-1000VA	GN-UPS-LI-1200VA
Capacity VA/Watts	650 / 360	850 / 480	1000 / 600	1200 / 720
INPUT				
Voltage	220/230/240Vac			
Voltage range	140~300Vac			
Frequency Range	50/60Hz (auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	± 10%			
Frequency Range (Batt. Mode)	50/60Hz ± 1 Hz			
Transfer Time	Typical 4~8ms, 13ms Max.			
Waveform (Batt. Mode)	Simulated Sinewave			
BATTERY				
Battery Voltage	12Vdc		24Vdc	
Battery Type & Number	12 V /7Ah x 1	12 V /9Ah x 1	12 V /7Ah x 2	12 V /9Ah x 2
Max charger current (A)	4~6 hours recover to 90% capacity		6~8 hours recover to 90% capacity	
INDICATORS				
LED Display (LED version)	AC Mode, Battery Mode, Overload, Fault			
LCD Display (LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low			
PROTECTION				
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection			
ALARM				
Battery mode	Sounding every 10 seconds			
Low Battery	Sounding every second			
Overload	Sounding every 0.5 second			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
MANAGEMENT				
Communication port	USB or RS232(Supports Windows 2000/2003/XP/Vista/2008, Windows 7, Linux, Unix, and MAC)			
OPERATING ENVIRONMENT				
Humidity	0-90 % RH @ 0- 40° C (non-condensing)			
Noise Level	Less than 45dB			
PHYSICAL				
Dimensions WxDxH (mm)	289*101*142		314*130*175	
Weight (Kgs)	4.3	4.9	7.2	7.8
STANDARDS				
Safety	I EC/EN62040-1, IE C/EN60950-1			
EMC	I EC/EN62040-2, I EC61000-4-2,1EC61000-4-3,IEC61000-4-4,1EC61000-4-5,IEC61000-4-6, I EC61000-4-8			

Giganet line-interactive UPS is specially designed for Personal Computer with multi-functions. The light-weight, compact design perfectly fits the limited space. The UPS is equipped with two boosts and one buck AVR to stabilize the wide input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without an AC power supply.



FEATURES
Line Interactive UPS with simulated sinewave output
Excellent microprocessor control guarantees high reliability(Internal self-diagnostic technology)
Boost and buck AVR for voltage stabilization (wide input range with two boost and one buck control)
Auto restart while AC is recovering
Cold start function
Off-mode charging
Fast intelligent battery recharge function
Generator compatible
Offering LED and LCD panels for selections
Easy installation and operation with compact size
Ideally applicable for PC, Workstations, TVs, POS devices etc.
Optional USB/RS232 communication port and RJ11/RJ45 protection



- 1 AC input
- 2 Output socket
- 3 USB & RJ11 communication
- 4 USB & RS232 communication
- 5 RJ45



On UPS and Batteries

Model	GN-UPS-LI-1500VA	GN-UPS-LI-2000VA	GN-UPS-LI-2400VA	GN-UPS-LI-3000VA
Capacity VA/Watts	1500 / 900	2000 / 1200	2400 / 1440	3000 / 1800
INPUT				
Voltage	220/230/240Vac			
Voltage range	140~300Vac			
Frequency Range	50/60Hz (auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	± 10%			
Frequency Range (Batt. Mode)	50/60Hz ± 1 Hz			
Transfer Time	Typical 4~8ms, 13ms Max.			
Waveform (Batt. Mode)	Simulated Sinewave			
BATTERY				
Battery Voltage	12Vdc		24Vdc	
Battery Type & Number	12 V / 9Ah x 2	12 V / 9Ah x 2	12 V / 7Ah x 4	12 V / 9Ah x 4
Max charger current (A)	6~8 hours recover to 90% capacity			
INDICATORS				
LED Display (LED version)	AC Mode, Battery Mode, Overload, Fault			
LCD Display (LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low			
PROTECTION				
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection			
ALARM				
Battery mode	Sounding every 10 seconds			
Low Battery	Sounding every second			
Overload	Sounding every 0.5 second			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
MANAGEMENT				
Communication port	USB or RS232(Supports Windows 2000/2003/XP/Vista/2008, Windows 7, Linux, Unix, and MAC)			
OPERATING ENVIRONMENT				
Humidity	0~90 % RH @ 0~ 40° C (non-condensing)			
Noise Level	Less than 55dB			
PHYSICAL				
Dimensions WxDxH (mm)	380*158*198		436*145*212	
Weight (Kgs)	10.1	10.5	20	23
STANDARDS				
Safety	I EC/EN62040-1, IE C/EN60950-1			
EMC	I EC/EN62040-2, I EC61000-4-2,1EC61000-4-3,IEC61000-4-4,1EC61000-4-5,IEC61000-4-6, I EC61000-4-8			