

LP120

1000-2000 VA

LINE INTERACTIVE UPS

1:1

The ideal solution for:

- ✓ *SMALL OFFICES*
- ✓ *SERVER*
- ✓ *PC AND MAC*
- ✓ *GAMING COMPUTER*
- ✓ *HOME DEVICES*



OVERVIEW

LP120 is the top of the range Line Interactive UPS for Home Office applications, with a **pure sine wave output** and maximum autonomy level guaranteed.

Equipped with Power Factor 0.7 and available with power up to 2000 VA, LP120 is the perfect solution to protect the most important home devices, such as **gaming PCs and MAC computers, stereo amplifiers, pellet stoves or storage servers.**



WIDE COMPATIBILITY

LP120 encloses the best technology available for a Line Interactive UPS.

The **pure sine wave output**, combined with an advanced microprocessor control system, allows LP120 series to perfectly work with a very wide range of electronic peripherals.

The UPS can effectively protect even the most sensitive home equipment, such as **active PFC power supplies**, which are now increasingly popular among common use devices.

HIGH PERFORMANCE

Power Factor 0.7, Cold Start function and **Auto-Restart** are just some of the strengths of LP120 series. These features, combined with a high efficiency battery charger and the **Buck-Boost AVR system**, allow to reach the highest performance available within Line Interactive category.

In order to ensure all functions' control, the UPS is equipped with a dedicated monitoring software and a **LCD display**, which provide real-time information on operating modes, load level and battery status.

The display also provides data about input/output voltage, and it warns about fault or overloads.



WORK AND ENTERTAINMENT

- PC
- Gaming computers
- Active PFC devices
- MAC computers
- Workstation
- Printers
- Server
- Consoles and videogame



HOME DEVICES

- TV
- Home Theatre
- Stereo amplifiers
- Pellet stoves
- Aquariums
- Video surveillance
- Modem/Router

STRENGTHS



Pure sine wave output

0,7

Power Factor 0.7

PFC

Active PFC power supply compatibility



4 outlets
{2x IEC + 2x Schuko}



Buck-Boost AVR voltage stabilizer



Free monitoring software included

MODEL	LP120N-1000	LP120N-1500	LP120N-2000
Power	1000 VA / 700 W	1500 VA / 1050 W	2000 VA / 1400 W
MAIN INPUT			
Rated voltage	220/230/240 Vac or 110/120 Vac*		
Voltage range	162-290 Vac / 81-145 Vac*		
Frequency range	60/50 Hz (auto sensing)		
OUTPUT			
Rated voltage	220/230/240 Vac or 110/120 Vac*		
Voltage regulation (battery mode)	±5%		
Frequency range (battery mode)	50 Hz or 60 Hz ± 1 Hz		
Power factor	0.7		
Transfer Time (Typical)	<4 ms		
Waveform (battery mode)	Pure Sine Wave		
BATTERIES			
Battery type	Pb		
Battery capacity	12 V / 7Ah	12 V / 9 Ah	12 V / 10 Ah
Number of batteries	2	2	2
Backup time (Pc + Monitor)	39 minutes	52 minutes	65 minutes
Recharge time	6 h to recover 90% capacity		
SYSTEM			
Protections	Overload, discharge, and overcharge protection		
Indicators	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery		
Alarm	Battery mode: sounding every 10 seconds Low battery: sounding every second Overload: sounding every 0.5 second Battery replacement: sounding every 2 seconds Fault: continuous sounding		
Interface	USB / RS232*		
Supported Operating System	Windows, MacOS, Linux		
ENVIRONMENT			
Operating temperature	0 ~ 40 °C		
Relative humidity	0 ~ 90% (no condensing)		
Noise (dBA at 1 meter far)	<40		
MECHANICAL DATA			
Outlet	2x IEC + 2x Schuko		
Dimensions W*D*H (mm)	146*350*160	146*397*205	
Weight (Kg)	9	11,6	12,5

Note: technical specifications and data could be changed without notification

GTEC SERVICE

GTEC supports its customers throughout the whole product life cycle, providing technical assistance and after-sales service at the highest professional standards, so to produce the best partnership experience.



MAINTENANCE is an essential activity in order to guarantee a safe and stable load protection. GTEC shows maximum care about this topic, providing the best service in terms of experience, instrumentation and safety level.



The **TECHNICAL SUPPORT** service, delivered through the dedicated Help Desk platform, guarantees prompt answers to customers' requests and allows them to directly schedule maintenance activities.



The partnership between GTEC and its customers gets consolidated through the **TRAINING SESSIONS** proposal for technical staff, so that each user can operate on the UPSs with maximum consciousness and safety.



Also, in the GTEC Service offers, a **PROJECT CONSULTING** team is available, in order to provide the best solution according to the designer's needs.

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