



UPS

Uninterruptible
Power Supply



BL SERIES 2000VA, 3000VA

Line-Interactive Offline

► PERFORMANCE CHARACTERISTICS

This series of UPS applies CPU integrated control technology, which allows UPS to response promptly and accurately when power outage, high or low voltage, surge, transient or spike occurs while its surge protection port provides protection for special external devices, such as printers and so on. It possesses automatic startup function, automatic voltage regulation function and a wide range of input voltage, so it is applicable to all kinds of electric power environment. Line interactive UPS is the perfect protection partners for computer, Workstations and POS system. Widely used in municipal, bank, postal coupons, communication transportation ,radio and television, and power Public hospital, industrial control, defense, etc, Computer room, data center, and the server for electric power Environmental requirements of network equipments, strict communication and information.

► Wide range of input voltage

The UPS can offer normal and stable service voltage under its input voltage range. When the input voltage is out of its range the machine will switch to battery mode automatically to keep the output power in order to protect the equipment, such as computers, ensure they will not be damaged by the over high or over low voltage, users can continue the operation of equipment for a while or save the data on computers while the power network is abnormal.

► Wide range of AVR(Automatic voltage regulation)

In the product's input voltage range and under 3 steps of intelligent AVR function, it can provide a stable output voltage.

► Automatic self detection when UPS power on

Before the UPS on (LCD), red, yellow, blue LED will light up two times by cycle turns, after self detection UPS switch to AC mode/battery mode or working mode.

► Overload protection

In the battery mode, output voltage turn down correspondingly when it is overload, after the capacity of load is lower than the rated power then output voltage will back to rated value, it ensures the UPS will not shut down by abrupt overload which caused by surging current during the computer is working and other equipment is added.

► Power manager

Standard interfaces RS232 / USB can perform on-screen management of governance, more convenient through energy monitoring software.

► APPLICATION UPS



Epos



Computer



Smart phone



Wifi



CCTV



Modem



Led Light



Switch



Scan



Printer



Timekeeper

► FEATURES:

- * Wide range of input voltage and high input power factor
- * System Efficiency AC mode 98%. PF 0.6
- * LED display : AC mode, battery mode, Overload...
- * Warning battery low by sound
- * Silence working
- * Abundant interface : RS232,USB, RJ45
- * Power-on self test
- * Automatic charging in OFF/ON mode
- * Auto sensing frequency input
- * CPU controlled technology
- * Generator Compatible UPS
- * Auto power on when AC recovery
- * Can use with small load: modem, switch, Wifi, Led Light....
- * Function AVR (auto voltage regular)
- * Automatically transferred to battery mode when input over voltage or under voltage
- * Protection: overvoltage, undervoltage, short circuit, and over load
- * Connect to computer by USB port
- * Power manager allows monitoring, automatic on / off UPS and system
- * **We provide replacement and repair service with genuine parts. Commit to support repair, replacement parts 10 years**

BL SERIES LINE INTERACTIVE OFFLINE

Model Name	BL2000	BL2000E	BL2000U	BL3000
General				
UPS Topology	Offline			
Physical				
Form Factor	Tower			
Input				
Generator Compatibility	Yes			
Nominal Input Voltage (Vac)	220 ± 10%			
Input Voltage Range (Vac)	175 - 275			
Input Frequency (Hz)	50/60			
Input Frequency Detection	Auto sensing			
Output				
Capacity (KVA)	2	2	2	3
Capacity (KW)	1.2	1.2	1.2	1.8
On Battery Waveform	Simulated sine wave			
On Battery Voltage(s) (Vac)	220 ± 10%			
On Battery Frequency (Hz)	50/60 ± 0.5			
Automatic Voltage Regulation (AVR)	Yes			
Power Factor	0.6			
Overload Protection	Fuse			
Outlet(s) - Total	6			
Outlet Type	IEC Universal *4 & C13 *2			
Outlet (s) - Battery & Surge Protected	6			
Typical Transfer Time (ms)	4 - 6			
Battery				
Battery	12V9Ah	12V7.2Ah	12V9Ah	12V9Ah
Quantity (Pcs)	2	4	4	4
Charge Current (A)	0.9 Max			
Charger time	6 hours to 90% capacity			
Battery Type	Sealed lead-acid			
Backup Time				
Battery mode	UPS auto shutdown when battery low			
Desktop Office + LCD 24 inch *1	1 hour 36 min	2 hour	2 hour 54 min	2 hour 54 min
Desktop Office + LCD 24 inch *2	30 min	60 min	1 hour 21 min	1 hour 21 min
Desktop Office + LCD 24 inch *3	23 min	38 min	50 min	50 min
Desktop Office + LCD 24 inch *4	11 min	25 min	33 min	33 min
Desktop Office + LCD 24 inch *5	-	-	21 min	21 min
Runtime at 25% Load	22 min	28 min	31 min	31 min
Runtime at 50% Load	7 min 23 second	10 min	8 min	8 min
Overload	110% load 10s			
Surge Protection & Filtering				
EMI/RFI Filtration	Yes			
Management & Communications				
LED Indications	Power On, Line Mode, Battery Mode, Low Battery			
Audible Alarms	Battery Mode, Low Battery, Overload, UPS Fault			
Connect computer	USB Port (Configurable)			
Software	Manager Power allows monitoring, automatic on / off UPS and system with all Windows			
Physical Size - UPS Module				
UPS Dimensions (D*W*H) (mm.)	390*140*210 ± 2%			
UPS Weight (kg.)	14.60 ± 2%	18.85 ± 2%	19.73 ± 2%	21.09 ± 2%
Environmental				
Operating Temperature (độ C)	0 - 40 (non-condensing)			
Operating Relative Humidity (Non-condensing) (%)	20 - 90% relative humidity			
Fan	Smart Fan temperature sensor			
Warranty				
Product Warranty Period (year)	2			

***Note: Specifications may vary depending on production stage**

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 GB/17626.2-5/IEC61000-4-2-5 SAFETY:GB4943



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