

MPOWER UPS



GUARDIAN LCD SERIES

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10 years of uninterruptible power

GUARDIAN LCD SERIES

Line Interactive Technology 600VA to 2000VA

- Microprocessor controlled Line Interactive Technology
- Boost and Buck Automatic Voltage Regulation (AVR)
- LCD Display Panel
- Advanced Battery Management (ABM)
- Input Frequency auto sensing (50/60 Hz)
- Auto restart after mains recovery
- Short circuit and overload protection
- Cold Start Function
- USB Communication Interface and Remote Monitoring Software
- Modem/Phone line protection
- Compact size and user friendly operation

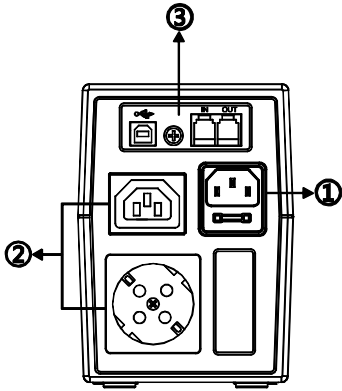


General Features

This UPS is especially aimed for use with personal computers, routers, phones, EPOS systems, consoles, televisions and much more. It is equipped with boost & buck AVR to stabilize the wide input voltage range. It also comes with a high-efficiency switch-mode battery charger as standard, minimizing power loss to save charging time. The built-in DC start function enables the UPS to be started up without a supply of AC power.

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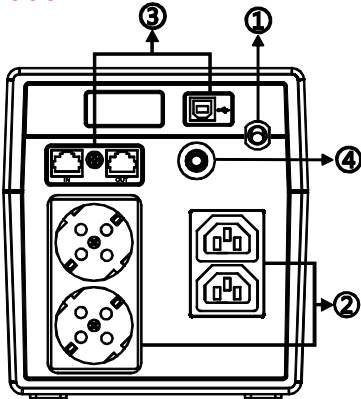
600-800 VA



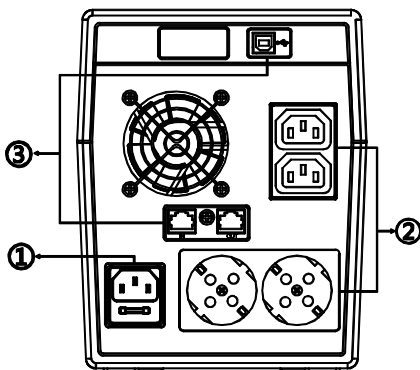
Back Panel

1. AC input
2. Output receptacles
3. USB & RJ11/RJ45 Communication
(RJ11 for 600-800VA and RJ45 1000-2000VA)
4. Breaker

1000VA



1500-2000VA



Specification					
MODEL	GUARDIAN LCD 600AP	GUARDIAN LCD 800AP	GUARDIAN LCD 1000AP	GUARDIAN LCD 1500AP	GUARDIAN LCD 2000AP
Capacity (VA)	600	800	1000	1500	2000
INPUT					
Voltage	220V or 230V				
Input Voltage Range	162 to 290VAC				
Frequency	50 or 60 Hz (auto sensing)				
OUTPUT					
Power Factor	0.6				
Voltage (On battery)	220V or 230V ± 10%				
Waveform (On battery)	Simulated Sinewave				
Frequency (On battery)	50 or 60 Hz ± 1Hz				
Voltage Regulation (AVR)	AVR automatically increases output voltage 15% above input voltage if -10% to -26% of nominal. AVR automatically decreases output voltage 15% below input voltage if +10% to +22% of nominal.				
Transfer Time	2 - 6 ms				
Outlets	1pc Schuko & 1pc IEC C13		2pcs Schuko & 2pcs IEC C13		
BATTERY					
Type	Maintenance-free lead acid batteries				
Recharge Time	6 hours (to 90% of full capacity)				
Voltage	12VDC		24VDC		
Quantity	1x12V 7Ah	1x12V 9Ah	2x12V 7Ah	2x12V 9Ah	
DISPLAY					
LCD Display (optional)	Input & Output Voltage values, AC mode / Load Level / Battery Capacity Indicators				
AUDIBLE ALARMS					
	Backup Mode , Low Battery, Overload, Fault				
PROTECTION					
	Short Circuit, Overload, Battery Discharge, Overcharge, Phonerline				
COMMUNICATION					
	USB Port				
	Software available as standard				
ENVIRONMENT					
Operating Temperature	0-40 °C				
Humidity	0 to 90% non-condensing				
Audible Noise at 1m	<40dBA				
Protection class	IP20				
PHYSICAL SPECIFICATIONS					
Net Weight (kg)	4.35	4.7	7.8	10.1	10.5
Dimensions (mm) xDxH	101 x 298 x 142		149.3 x 353 x 162		158 x 380 x 198
STANDARDS					
Standards	EN 62040-1-1 (Safety), EN 62040-2 (EMC)				



ACCREDITED SUPPLIER

