

Guardian & Guardian LCD Series

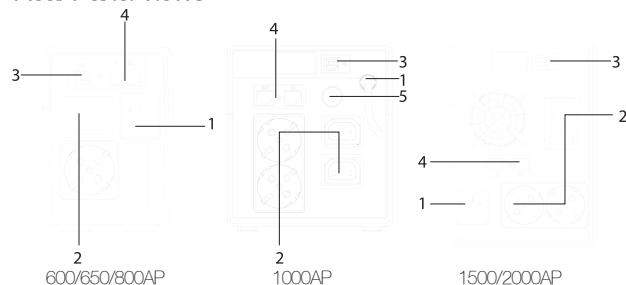
Uninterruptible Power Systems
Line Interactive Technology
600VA to 2000VA



- Microprocessor controlled Line Interactive Technology
- Boost and Buck Automatic Voltage Regulation (AVR)
- LCD or LED Display Panel
- Advanced Battery Management (ABM)
- Input Frequency auto sensing (50/60 Hz)
- Auto restart after mains recovery
- Charging during switched off mode
- 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

*Available at AP models only

Rear Panel Views



1. AC Input & AC fuse
2. Output receptacles
3. USB com Port (AP models)
4. Modem / Phone / Network surge protection (AP Models)
5. Circuit breaker

Package Content

- User Manual
- Power Cable
- USB Cable
- RJ11 Phone cable
- Management Software*

*AP models only

Guardian & Guardian LCD Specifications

MODEL	GUARDIAN 600A/AP GUARDIAN LCD 600A/AP	GUARDIAN 650A/AP GUARDIAN LCD 650A/AP	GUARDIAN 800A/AP GUARDIAN LCD 800A/AP	GUARDIAN 1000A/AP GUARDIAN LCD 1000A/AP	GUARDIAN 1500A/AP GUARDIAN LCD 1500A/AP	GUARDIAN 2000A/AP GUARDIAN LCD 2000A/AP
INPUT						
Capacity (VA)	600	650	800	1000	1500	2000
Voltage	220V or 230V					
Input Voltage Range	- 25%, +30%					
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	1pcs Schuko 1pcs IEC		2pcs Schuko 2 pcs IEC			
BATTERY						
Type	Maintenance-Free Lead Acid Batteries					
Recharge Time	6 Hours (To 90% Of Full Capacity)					
Voltage	12VDC			24VDC		
Back Up Time	5 - 30 Minutes (Depending On Computer Load)					
DISPLAY						
LED Display	Fault, Battery Mode, AC Mode					
LCD Display (For Guardian LCD)	Input & Output Voltage Values, AC Mode / Load Level / Battery Capacity Indicators					
PROTECTION						
	Short Circuit, Overload, Battery Discharge, Overcharge, Tel / Phone line (AP Models Only)					
COMMUNICATION						
Communication Interface	USB Port (Only AP Models)					
AUDIBLE ALARMS						
	Battery Mode (Every 10 Seconds) , Low Battery (Every Second) , Overload (Every 0.5 Second) Battery Replacement (Every 2 Seconds) , Fault (Continuous)					
ENVIRONMENT						
Operating Temperature	0-40 °C					
Humidity	0 to 90% Non-Condensing					
Audible Noise	<40dBA					
Protection Class	IP20					
PHYSICAL SPECIFICATIONS						
Net Weight (kg)	4	4,25	4,9	8	11,1	11,5
Dimensions (mm) WxDxH	100x287x142			146x350x160	146x397x205	
STANDARDS						
Standards	EN 62040-1-1 (Safety), EN 62040-2(EMC)					