

Guardian & Guardian LCD Series

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



Guardian & Guardian LCD Series Technical Specifications

MODEL	GUARDIAN 600A/ AP GUARDIAN LCD 600AP	GUARDIAN 800A/ AP GUARDIAN LCD 800AP	GUARDIAN 1000A/ AP GUARDIAN LCD 1000AP	GUARDIAN 1500A/ AP GUARDIAN LCD 1500AP	GUARDIAN 2000A/ AP GUARDIAN LCD 2000AP
Capacity (VA)	600	800	1000	1500	2000
INPUT					
Voltage	220V or 230V				
Input Voltage Range	172 to 286VAC				
Frequency	50 or 60 Hz (auto sensing)				
OUTPUT					
Power Factor	0.6				
Voltage (On battery)	220V or 230V ± 1t0%				
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	1 pc Schuko & 1 pc IEC C13		2 pcs Schuko & 2 pcs 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					
LED Display	Fault, Battery Mode, AC Mode				
LCD Display (optional)	Input & Output Voltage values, AC mode / Load Level / Battery Capacity Indicators				
PROTECTION					
	Short Circuit, Overload, Battery Discharge, Overcharge, Tel / Phoneline (AP Models only)				
COMMUNICATION					
Interface (Communication Ports)	USB Port (only AP models)				
Software	Available with AP models only				
AUDIBLE ALARMS					
	Backup Mode, Low Battery, Overload, Fault				
ENVIRONMENT					
Operating Temperature	0-40 °C				
Humidity	0 to 95% 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) WxDxH	101x298x142		149,3x353x162		158x380x198
STANDARDS					
Standards	EN 62040-1-1 (safety), EN 62040-2(EMC)				