

Guard_S Compact Series

Line Interactive Technology
600VA to 1500VA (Tower Model)

- ▶ Microprocessor controlled Line Interactive Technology
- ▶ Boost and Buck Automatic Voltage Regulation (AVR)
- ▶ 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
- ▶ LED Display Panel
- ▶ Cold Start Function
- ▶ Communication Port and Remote Monitoring Software*
- ▶ Tel / Modem Internet surge protection *
- ▶ Compact size and user friendly operation

*Available at AP models only



Guard_S Compact Series Technical Specifications

MODEL	GUARD_S 600A/ AP	GUARD_S 800AP	GUARD_S 1000AP	GUARD_S 1500AP
Capacity (VA)	600	800	1000	1500
INPUT				
Voltage	230V or 220V ± 25%			
Frequency	50 or 60 Hz ± 5Hz (auto sensing)			
OUTPUT				
Power Factor	0.6			
Voltage (On battery)	230V or 220V ± 10%			
Waveform (On battery)	Simulated Sinewave			
Frequency (On battery)	50 or 60 Hz ± 1Hz			
Voltage Regulation (AVR)	AVR automatically increase output voltage 15% above input voltage if -9% to-25% of nominal AVR automatically decrease output voltage 13% below input voltage if +9% to+25% of nominal			
Transfer Time	4 ms			
Outlets				
IEC Version	3pcs IEC C13		6pcs IEC C13	
Schuko Version	1pc Schuko		2pcs Schuko	
BATTERY				
Type	Maintenance-free lead acid batteries			
Recharge Time	6-8 hours (to 90% of full capacity)			
Voltage	12VDC		24VDC	
Quantity	1x12V 7Ah	1x12V 9Ah	2x12V 7Ah	2x12V 9Ah
DISPLAY				
LED Display	2 LEDs for Line / Back up and Battery Low / Fault		4 LEDs for Line, Back up, fault and Overload	
PROTECTION				
	Short Circuit, Overload, Noise Suppression, Spike, Battery Overdischarge, Modem/Network (AP Models only)			
COMMUNICATION				
Interface (Communication Ports)	RS 232 at AP models only		RS232 Standard	
Software	Present at AP model only		Standard	
AUDIBLE ALARMS				
	Backup Mode, Low Battery, Overload, Fault			
ENVIRONMENT				
Operating Temperature	0-40 °C			
Humidity	0-95% non-condensing			
Audible Noise at 1m	<40dBA		<45dBA	
Protection class	IP20			
PHYSICAL SPECIFICATIONS				
Tower				
Net Weight (kg)	6	7,5	13	16
Shipping Weight (kg)	7	8,5	14,2	17,5
Dimensions (mm) WxHxD	96x172x355		148x235x361	
STANDARDS				
Standards	EN 62040-1-1 (safety); EN62040-2 (EMC)			