

Guard_S Compact Series

Line Interactive Technology

600VA to 3000VA (Tower Model)

2400VA to 3000VA (Rack 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	GUARD_S 2400AP	GUARD_S 3000AP
Capacity (VA)	600	800	1000	1500	2400	3000
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		4pcs 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		48VDC	
Quantity	1x12V 7Ah	1x12V 9Ah	2x12V 7Ah	2x12V 9Ah	4x12V 7Ah	
DISPLAY						
LED Display	2 LEDs for Line / Back up and Battery Low / Fault		4 LEDs for Line, Back up, fault and Overload		5 LEDs for Line, Overload, AVR, Battery	
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		<50dBA	
Protection class	IP20					
PHYSICAL SPECIFICATIONS						
Tower						
Net Weight (kg)	6	7.5	13	16	26.2	28.8
Shipping Weight (kg)	7	8.5	14.2	17.5	28	30.1
Dimensions (mm) WxHxD	96x172x355		148x235x361		175x235x460	
19" Rack Mount Type						
Net Weight (without battery)	N/A		N/A		28	30
Dimensions(mm) (WxDxH)	N/A		N/A		482x400x133.5	
STANDARDS						
Standards	EN 62040-1-1 (safety); EN62040-2 (EMC)					