

# Guard\_S Compact Series

Uninterruptible Power Systems  
Line Interactive Technology

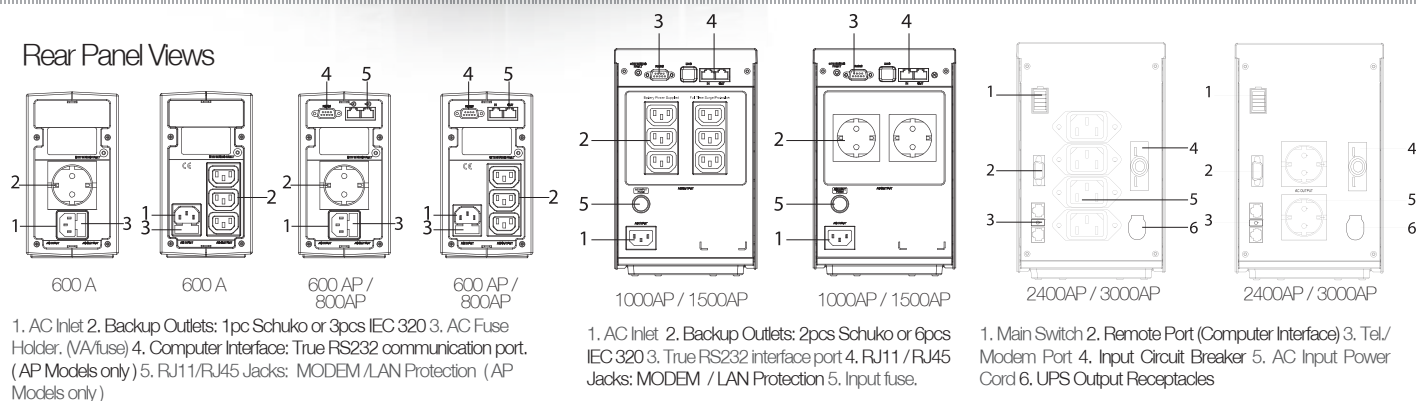
600VA to 3000VA (Tower Model), 2000VA to 3000VA (Rack Model)



- Microprocessor controlled Line Interactive Technology
- Boost and buck Automatic Voltage Regulation (AVR)
- Advanced Battery Management (ABM)
- Short circuit and overload protection
- Lightning and surge protection
- Online, Battery, Fault status LEDs
- 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

## Rear Panel Views



## Accessories

- USB Port

## Package Content

- User Manual
- RS232 Communication Cable\*
- RJ11 Phone Cable\*
- Power Cable\*\*
- 1 piece IEC Cable for IEC models
- UPSMAN Software\*

\* Available only in AP models

\*\* 2400VA and 3000VA have fixed power cable

## Guard\_S Compact Specifications

MODEL	GUARD_S 600A/AP	GUARD_S 800AP	GUARD_S 1000AP	GUARD_S 1500 AP	GUARD_S 2400AP	GUARD_S 3000AP
INPUT						
Capacity (VA)	600	800	1000	1500	2400	3000
Voltage	230V or 220V ± 25%					
Frequency	50 or 60 Hz ± 5Hz (Auto Sensing)					
OUTPUT						
Power Factor	0,6					
Voltage ( On Battery )	Simulated Sinewave 230V or 220V ± 10%					
Frequency ( On Battery )	50 or 60 Hz ± 1%					
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		6pcs IEC		4pcs IEC	
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	
Back Up Time	5 - 30 Minutes (Depending On Computer Load)					
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 Model Only	RS232 Standard				
Software	Present at AP Model Only	Standard				
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				GS 2000 APRM	GS 2400 APRM	GS 3000 APRM
Capacity (VA)				2000 VA	2400 VA	3000 VA
Net Weight( Without Battery )				18	28	30
Dimensions (mm) (WxDxH)	N/A			482x400x133,5		
STANDARDS						
Standards	EN 62040-1-1 (Safety); EN62040-2 (EMC)					