

GUARD S *Compact* SERIES

inform
"Uninterruptible Energy"

Uninterruptible Power Systems

Line Interactive Technology 600VA to 1500VA



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 & Energy Saving features

Communication Port and Remote Monitoring Software

Tel/Modem Internet surge protection

Compact size and user friendly operation

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GUARD SERIES TECHNICAL SPECIFICATIONS

MODEL	GUARD_S 600	GUARD_S 800	GUARD_S 1000	GUARD_S 1500
INPUT				
Capacity (VA)	600	800	1000	1500
Voltage	230V or 220V \pm 25%			
Frequency	50 or 60 Hz \pm 5Hz(auto sensing)			
OUTPUT				
Voltage (On battery)	Simulated Sinewave 230V or 220V \pm 10%			
Frequency (On battery)	50 or 60 Hz \pm 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			
Display	2 LEDs for Line / Back up and battery Low/ Fault		4 LEDs for line , back up , fault and overload	
BATTERY				
Battery Type	Sealed, Maintenance-free lead acid			
Recharge Time	6-8 hours (to 90% of full capacity)			
Voltage	12VDC		24VDC	
Back up time	5 - 30 minutes (depending on computer load)			
PROTECTION				
Unit Input	Short Circuit Protection, Overload, Noise Suppression, Spike Suppression, Battery Over Drain, Modem/Network			
CONFORMANCE				
Safety	EN 50091-1			
EMC	EN 50091-2			
Protection class	IP20			
ENVIRONMENT				
Operating Temperature	0-40 °C			
Humidity	0-95% non-condensing			
Audible Noise at 1m	<40dBA		<45dBA	
COMMUNICATIONS				
Communication	Real RS232 or USB Communication Port			
PHYSICAL				
Net Weight (kg)	6	7,5	13	16
Shipping Weight (kg)	7	8,5	14,2	17,5
Dimensions (mm) WxHxD	96x172x355		148x235x361	



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