



GAIA Series

Uninterruptible Power Supply 1-3KVA

Features

- Power rating: 1 / 2 / 3 KVA. Double conversion technology.
- Standard 19 inches rack / tower configuration.
- Wide input voltage range (130~275Vac) extending battery life-time by reducing battery discharge probability.
- High input power factor (pf > 0.97). Savings in installation costs.
- Visual LED indicators showing the UPS and power status.
- Battery-start capability without utility power.
- Resettable input circuit breaker protection.
- Smart slot for mission critical applications.
- RS232 and USB connectivity with Vista compatible power management software.
- Built-in data line surge protector for phone/fax/network.
- Built-in remote emergency power off function (REPO).
- Extended battery cabinet is available to get the desired backup time.

Applications

- PC, Server, Workstation
- Networking
- Banking
- Security
- Office
- Home Entertainment



Technical Specifications

Model		GA1000R	GA2000R	GA3000R		
Power Rating		1kVA / 800W	2kVA / 1600W	3kVA / 2100W		
Input	Rating Voltage	V 200/208/220/230/240, single phase *				
	Voltage Range	V 160 ~ 275 (full load) 130 ~ 160 (linearly de-rating between 70% ~ 100% loading)				
	Frequency	Hz 50 or 60 ± 5Hz				
	Power Factor	≥0.97				
	Electrical Connection	Power cord (IEC320 C14)	Power cord (IEC320 C20)			
Output	Voltage	V 200/208/220/230(default)/240, single phase				
	Voltage Harmonic	% ≤3 (linear load) ; ≤6 (computer load)				
	Voltage Regulation	% ±2				
	Frequency	Hz 50(default) or 60				
	Frequency Regulation	Hz ±0.05				
	Wave Form	Pure sine wave				
	Transient Response	% < 8%				
	Overload	<105% : Continuous ; 105~125% : 3 minutes 125~150% : 30 seconds ; >150% : 0.5 second				
	Crest Factor	3:1				
	Receptacle **	IEC320 C13 x 3 x 2	IEC320 C13 x 3 x 2 IEC320 C19 x 1			
	Battery	Model	GA1000RB	GA2000RB	GA3000RB	
Rating Voltage		V 12V/9Ah, 2pcs	12V/9Ah, 4pcs	12V/9Ah, 6pcs		
Charging Capability		A 0.6 ~ 1.2 (typical 0.8A)				
Backup Time		> 12 minutes (half load) > 4 minutes (full load)	> 14 minutes (half load) > 5 minutes (full load)	> 15 minutes (half load) > 5 minutes (full load)		
Electrical Connection	Connector					
Audible Warning	Battery Backup	Intermittent				
	Abnormal	Continuous				
Display	LED	Online · Bypass · On-battery · Overload · Battery low · Fault · Replace battery · Battery level · Loading level				
Interface	Standard	RS232 x 1, USB x 1, SNMP Slot x 1				
	Optional Accessories	SNMP card, Modbus card, Relay I/O control card, Environmental monitoring box, SNMP+5ports hub				
Conformance	Safety	CE, EN62040-1-1				
	EMC	EN62040-2, Class B	EN62040-2, Class A			
Others	Battery-Start	Yes				
	Data Line Protector	Built-in (RJ11/RJ45, phone and network)				
	REPO	RJ11 connector				
	Rail Kit	Optional				
	Extended Battery Cabinet	Optional				
Overall	Efficiency (AC-AC)	% > 87 (full load)				
	Transfer Time	ms 0				
	Temperature	°C 0 ~ 40				
	Relative Humidity	% 5 ~ 95 (non-condensing)				
	Noise (at one meter)	dBA 45	50	60		
	Dimension (WxDxH)	UPS	mm	440x335x89	440x432x89	440x610x89
		Battery Cabinet				
	Weight	UPS	kg	13	21	31
Battery Cabinet		16		29	43	

* For 200Vac rating, UPS capacity will de-rate 10%.

** Different type of receptacle can be ordered.

All specifications are subject to change without prior notice.

GAIA Series 1-3KVA



Friendly LED Display



Power Management Software

< UPSentry Smart 2000 >



Compatible OS

- Microsoft
 - 9X/2000/2003/XP/Vista
- Linux
 - RedHat
 - Open Linux
 - SUSE
- FreeBSD
- Sun
 - Solaris Sparc
 - Solaris X86
- HP
 - HP-UX
- IBM
 - AIX
- Apple
 - MacOSX
- SCO
 - OpenServer