

Technical Specifications

GAIA Series, Single Phase

Model		GAIA-1K	GAIA-2K	GAIA-3K
Power Rating		1kVA/800W	2kVA/1600W	3kVA/2100W
Input	Nominal Voltage	200/208/220/230/240 Vac (single phase)*		
	Voltage Range	130 ~ 275 Vac**		
	Frequency	50/60 ± 5 Hz		
	Power Factor	> 0.97		
	Electrical Connection	Power cord (IEC320 C14)	Power cord (IEC320 C20)	Power cord (IEC320 C20)
Output	Voltage	200/208/220/230(default)/240 Vac (single phase)*		
	Voltage Harmonic Distortion	< 3% (linear load); < 6% (computer load)		
	Voltage Regulation	± 2%		
	Frequency	50/60 ± 0.05 Hz		
	Wave Form	Pure sine wave		
	Overload Capability	105 ~ 125%: 3 minutes; 125 ~ 150%: 30 seconds; > 150%: 0.5 second		
	Receptacle	IEC320 C13 x 3 x 2	IEC320 C13 x 3 x 2 IEC320 C19 x 1	IEC320 C13 x 3 x 2 IEC320 C19 x 1
Battery & Charger	Rating	12V/8.5Ah, 2 pcs	12V/8.5Ah, 4 pcs	12V/8.5Ah, 6 pcs
	Charge Current	0.6 ~ 1.2A (default 0.8A)	0.6 ~ 1.2A (default 0.8A)	0.74 ~ 1.38A (default 1A)
	Typical Backup Time	12 minutes (half load) 4 minutes (full load)	13 minutes (half load) 4 minutes (full load)	15 minutes (half load) 5 minutes (full load)
Interface	Standard	RS232 x 1, USB x 1, SMART slot x 1		
Conformance	Safety	CE, EN62040-1		
	EMC	EN62040-2 Category C1	EN62040-2 Category C2	EN62040-2 Category C2
Other Features	Data Line Protector	Built-in (RJ11/RJ45, phone and network)		
	REPO	RJ11 connector		
	Rail Kit	Optional		
	Tower Stand Kit	Included in package		
	External Battery Pack	Optional		
Efficiency	AC-AC	> 87% (full load)		
Environment	Operating Temperature	0 ~ 40°C		
	Relative Humidity	5 ~ 95% (non-condensing)		
	Audible Noise (at one meter)	45 dBA	50 dBA	60 dBA
Physical	Dimensions (WxDxH)	UPS 440 x 335 x 89 mm Battery Pack 440 x 333 x 89 mm	440 x 432 x 89 mm 440 x 430 x 89 mm	440 x 610 x 89 mm 440 x 608 x 89 mm
	Weight	UPS 13 kg Battery Pack 16 kg	21 kg 29 kg	31 kg 43 kg

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

** Lower range 130 ~ 160Vac is acceptable under 70 ~ 100 % loading condition.

All specifications are subject to change without prior notice.



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IECQ Certificate of Hazardous Substance Process Management

