

The power behind competitiveness

Delta UPS—Amplon Family

GAIA Series, Single Phase

1/2/3 kVA

Reliability for the most critical moments

The Amplon GAIA series is a true on-line, double-conversion UPS designed in a rack or tower configuration and recommended for servers, VoIP, telecommunications and networking. This versatile UPS combines features such as full-time protection and high input power factor in the small footprint of a 2U cabinet.

The Amplon GAIA series UPS has inbuilt batteries to provide continuous and stable power to your critical loads when power events occur. With an external battery pack, it can fulfill longer backup time requirements.

Availability

- Double-conversion technology provides 24/7 full-time protection.
- Built-in batteries for basic runtime demands.
- Battery-start capability without utility power.
- RS232 and USB connectivity with power management software.
- Built-in data line surge protector for phone/fax/network.

Flexibility

- Rack or tower configuration in 2U size cabinet.
- Optional external battery pack for longer backup time.
- SNMP slot for mission critical applications.
- Programmable output saves energy for important loads.

Low Total Cost Of Ownership

- Wide input voltage range and stable power supply extends battery lifetime.
- High input power factor (pf > 0.97) saves installation cost.
- Intelligent management prevents battery from over-discharge.



Server



Telecom



Industrial



Network



VoIP



Storage



Medical



Delta UPS–Amplon Family

GAIA Series, Single Phase

1/2/3 kVA

Technical Specifications				
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 or 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 or 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 C13 x 3 x 2
			IEC320 C19 x 1	IEC320 C19 x 1
Battery	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)	13 minutes (half load)	15 minutes (half load)
		4 minutes (full load)	4 minutes (full load)	5 minutes (full load)
Interface	Standard	RS232 x 1, USB x 1, SNMP slot x 1		
Conformance	Safety	CE, EN62040-1		
	EMC	EN62040-2 Class B	EN62040-2 Class A	EN62040-2 Class A
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	UPS	440 x 335 x 89 mm	440 x 432 x 89 mm
		Battery Pack	440 x 333 x 89 mm	440 x 430 x 89 mm
	Weight	UPS	13 kg	21 kg
		Battery Pack	16 kg	29 kg

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

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

All specifications are subject to change without prior notice.



Friendly LED Display



Rack/Tower Configuration



1 kVA Rear View



2/3 kVA Rear View



Delta offers full range UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.



2007~ 2008 Forbes Asia's Fabulous 50



2009 Frost & Sullivan Green Excellence Award for Corporate Leadership



Delta's Manufacturing System is Certified by ISO 9001 and ISO 14001 Standards



IECQ Certificate of Hazardous Substance Process Management

