

The power behind competitiveness

# Delta UPS—Amplon Family

GAIA Series, Single Phase, 120V

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.
- SMART slot for remote management.
- Programmable output saves energy for important loads.

## Low Total Cost Of Ownership

- Input voltage range meets the needs of most applications and avoids frequent transfers to battery mode to help prolong battery life.
- High input power factor (pf > 0.97) saves installation cost.
- Intelligent management prevents battery from over-discharge.



Server



Telecom



Industrial



Network



VoIP



Storage



Medical



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Model		GAIA-1K	GAIA-2K	GAIA-3K	
Power Rating		1kVA/800W	2kVA/1600W	3kVA/2100W	
Input	Nominal Voltage	110/120 Vac (single phase)			
	Voltage Range	80 ~ 138 Vac (full load)*	90 ~ 138 Vac (full load)		
	Frequency	50 or 60 ± 5 Hz			
	Power Factor	> 0.97			
	Electrical Connection	Power cord ( NEMA 5-15P )	NEMA 5-20P (Re-Wireable)	NEMA L5-30P	
Output	Voltage	120 Vac (single phase)			
	Voltage Harmonic Distortion	< 3% (linear load); < 6% (computer load)			
	Voltage Regulation	± 2%			
	Frequency	50 or 60(default) ± 0.05 Hz			
	Wave Form	Pure sine wave			
	Transient Response	<10% (10~90% Linear load)			
	Overload Capability		<105%: Continuous; 105~125%: 3 minutes		
			125~150%: 30 seconds; >150%: 0.5 second		
	Receptacle		NEMA 5-15Rx2x3	NEMA L5-20Rx1	NEMA L5-30Rx1
				NEMA 5-15/20Rx6	NEMA 5-15/20Rx6
Battery	Rating	12V/8.5Ah, 2pcs	12V/8.5Ah, 4pcs	12V/8.5Ah, 6pcs	
	Recharge Time	≤ 6 hours to 80%			
	Typical Backup Time		13 minutes (half load)	13.5 minutes (half load)	15 minutes (half load)
		4 minutes (full load)	4 minutes (full load)	5 minutes (full load)	
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			
Other Features	Battery Start	Yes			
	Data Line Protector	Built-in (RJ11/RJ45, phone and network)			
	REPO	RJ11 connector			
	Rail Kit	Optional			
	Tower Stand Kit	Optional			
	Extended Battery Cabinet	Optional			
Efficiency	AC-AC	> 87% (full load)			
Environment	Temperature	0 ~ 40 °C			
	Relative Humidity	5 ~ 95% (non-condensing)			
	Noise (at one meter)	45 dBA	50 dBA	60 dBA	
Physical	Dimensions (WxDxH)	UPS	440 x 335 x 89 mm	440 x 432 x 89 mm	440 x 610 x 89 mm
		Battery Cabinet	440 x 333 x 89 mm	440 x 430 x 89 mm	440 x 608 x 89 mm
	Weight	UPS	13 kg	21 kg	31 kg
		Battery Cabinet	16 kg	29 kg	43 kg



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.

\* 65-80 (linearly de-rating between 70% ~ 100% loading)  
All specifications are subject to change without prior notice.



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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