

The power behind competitiveness

Delta UPS – Amplon Family

N Series, Single Phase

1/2/3 kVA

Mission-critical power you can trust

The Amplon N series is a true on-line, double-conversion UPS housed in a compact tower. It is designed to eliminate disturbances and supply superior power quality to workstations, POSs, ATMs or home appliances.

The Amplon N series has inbuilt batteries to provide continuous and stable power to critical loads when power events occur. For longer backup time requirements you can add an external battery pack to enhance availability.

Availability

- Double-conversion technology provides 24/7 full-time protection.
- Inbuilt batteries for basic runtime demand.
- Battery-start capability without utility power.
- Automatic bypass ensures continuous output power when fault occurs.
- Automatic input frequency detection.

Flexibility

- Optional external battery pack for longer backup time.
- SNMP slot for mission critical applications.
- RS232 port with power management software.

Low Total Cost Of Ownership

- Wide input voltage range reduces battery discharging occurrence and prolongs battery lifetime.
- Intelligent management prevents battery from over-discharge.



Server



Network



Security



Medical



POS



Banking



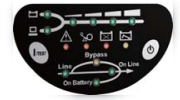
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Technical Specifications				
Model		N-1K	N-2K	N-3K
Power Rating		1kVA/700W	2kVA/1400W	3kVA/2400W
Input	Nominal Voltage	120 Vac (single phase)		
	Voltage Range	80 ~ 140 Vac (full load) *		
	Frequency	45 - 65 Hz		
	Power Factor	> 0.97		
	Electrical Connection	Power cord	Input Terminal block	Input Terminal block
Output	Voltage	120 Vac (single phase)		
	Voltage Regulation	± 2%		
	Frequency	50 / 60 ± 0.05 Hz		
	Wave Form	Pure sine wave		
	Transient Response	< 8% (10%~90% Linear Load)		
	Voltage Harmonic Distortion	< 3% (Linear Load) < 6% (Computer Load)		
	Overload Capability	105 ~ 125%: 3 minutes; 125 ~ 150%: 30 seconds; > 150%: 0.5 second		
	Receptacle	NEMA 5-15R X4	NEMA 5-15RX4+Terminal block	NEMA 5-15RX4+Terminal block
Battery	Rating	12V/7Ah, 3 pcs	12V/7Ah, 6 pcs	12V/9Ah, 6 pcs
	Typical Backup Time	14 minutes (half load); 5 minutes (full load)		
	Recharge Time	≥ 8 hours to 80 ~ 90%		
	Electrical Connection	DELTA standard cable		
Interface	Standard	RS232 x 1, SNMP slot x 1		
	Optional Accessories	SNMP card, ModBus card, Relay I/O control card, EnviroProbe, SNMP+5 ports Hub		
Conformance	Safety & EMC	UL; cUL; FCC Class B	UL; cUL; FCC Class A	UL; cUL; FCC Class A
Other Features	Data Line Protector	Optional (RJ11/RJ45, phone and network)		
	Crest Factor	3:1		
	Battery Start	Yes		
	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)	40 dBA	47 dBA	47 dBA
Physical	Dimensions (WxDxH)	140 x 366 x 242 mm	140 x 425 x 373 mm	140 x 425 x 373 mm
	Weight	14 kg	29 kg	30.5 kg

* Lower range 50 ~ 80 Vac is acceptable under 50 ~ 100% loading condition (derating).
All specifications are subject to change without prior notice.



Friendly LED Display



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