

AmplOn N Series

Single Phase 1-3 kVA

Uninterruptible Power Supply

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.



Series Comparison (1-3 kVA)			
N series	1-3 kVA	Tower	Battery inside to prevent blackout.
E series	1-3 kVA	Tower	Long backup up to 24 hrs.
GAIA series	1-3 kVA	Rack or Tower	Battery inside to prevent blackout.
R series	1-3 kVA	Rack or Tower	Long backup up to 24 hrs.

Availability

- Double-conversion technology. Provides 24/7 full time protection.
- Built-in batteries for basic runtime demand.
- Battery-start capability without utility power.
- Automatic input frequency (50 or 60 Hz) detection.

Flexibility

- Optional external battery pack for longer backup time.
- Smart slot for mission critical applications.
- Upgradeable firmware even in the field.

Low Total Cost Of Ownership

- Wide input voltage range and stable power supply extends battery lifetime.
- Intelligent management prevents battery from over-discharge.



PC



Server



Security



Medical



POS



ATM

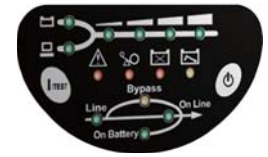
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Single Phase 1-3 kVA

Technical Specifications

Model		N-1K	N-2K	N-3K
Power Rating		1kVA/700W	2kVA/1400W	3kVA/2100W
Input	Nominal Voltage	230 Vac (single phase)		
	Voltage Range	80 ~ 280 Vac (full load) *		
	Frequency	50 or 60 ± 5 Hz		
	Power Factor	≥ 0.97		
	Electrical Connection	Power cord (IEC320 C14)	Power cord (IEC320 C20)	
Output	Voltage	230 Vac (single phase)		
	Voltage Regulation	± 2%		
	Frequency	50 or 60 ± 0.05 Hz		
	Wave Form	Pure sine wave		
	Transient Response	< 8%		
	Voltage Harmonic Distortion	≤ 3% (linear load)		
	Overload Capability	105 ~ 125%: 3 minutes 125 ~ 150%: 30 seconds; > 150%: 1 second		
	Receptacle **	IEC320 C13 x 4	IEC320 C13 x 8	
	Battery	Rating	12V/7Ah, 3 pcs	12V/7Ah, 6 pcs
Typical Backup Time		14 minutes (half load) 5 minutes (full load)		
Recharge Time		≥ 8 hours to 80 ~ 90%		
Electrical Connection		Cable		
Display	LED	Online, Bypass, On-battery, Overload, Battery low, Fault, Replace battery, Battery level, Loading level		
Interface	Standard	RS232 x 1	RS232 x 1, SNMP slot x 1	
	Management Peripherals	N/A	SNMP card, Modbus card, Relay I/O control card, EnviroProbe, SNMP + 5 ports hub	
Conformance	Safety	CE, EN62040-1-1		
	EMC	CISPR 22 Class A		
Others	Battery-Start	Yes		
	Data Line Protector	Optional (RJ11/RJ45, phone and network)		
	External Battery Pack	Optional		
Overall	Efficiency (AC-AC)	> 87% (full load)		
	Temperature	0 ~ 40°C		
	Relative Humidity	5 ~ 95% (non-condensing)		
	Audible Noise (at one meter)	40 dBA	47 dBA	
	Dimensions (WxDxH)	140 x 366 x 242 mm	140 x 425 x 373 mm	
	Weight	14 kg	30.5 kg	

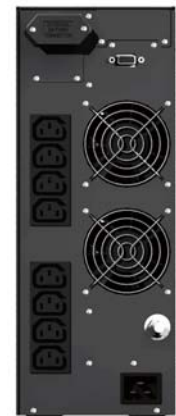
* Lower range 80 ~ 176 Vac is acceptable under 50 ~ 100% loading condition.
All specifications are subject to change without prior notice.



Friendly LED Display



1 kVA Rear View



2-3 kVA Rear View



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



Delta offers full-scale UPS solutions from
0.6 kVA to 4000 kVA to fulfill all your power security needs.

