

The power behind competitiveness

Delta UPS - Amplon Family

N Series, Single Phase
1/2/3 kVA

High-performance power protection with greater energy savings

The Amplon N series is a true online double-conversion UPS that can provide your critical equipment with reliable, stable sine wave power. It features significant advantages, including an output power factor of 0.9 and up to 93% AC-AC efficiency for greater energy savings. The Amplon N series provides a safe power supply guaranteed for mission critical applications such as work stations, POS, ATMs, medical equipment, and more.

Availability

- True online double-conversion topology and zero transfer time to battery ensure high reliability.
- Advanced DSP (Digital Signal Processor) controller for fast computation capability and a simplified control circuit for enhanced stability.
- Wide input voltage range allows the UPS to work in harsh electrical environments.
- Generator compatibility ensures continuous and reliable power.

Green with Low TCO

- High input power factor (> 0.99) and low input harmonic distortion ($i\text{THD} < 3\%$) save upstream investment.
- Output power factor up to 0.9 presents a stronger load capacity.
- AC-AC efficiency up to 93% and high efficiency of 91% at 50% load results in marked energy cost savings.
- Compact design saves more space for critical equipment.

Intelligent Management

- Excellent local communications through LCD display
- Intelligent battery management maximizes battery performance and sustains battery life
- Mini slot and USB port enhance monitoring and manageability



Server



Network



Security



Medical



POS



Banking



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Technical Specifications				
Model		N-1K	N-2K	N-3K
Power Rating		1kVA/0.9KW	2kVA/1.8KW	3kVA/2.7KW
Input	Nominal Voltage	220/230/240 Vac		
	Voltage range	175 ~ 280 Vac (full load)		
	Frequency	50/60 Hz ± 10 Hz		
	Power Factor	> 0.99 (full load)		
	Current Harmonic Distortion	<3%		
Output	Power Factor	0.9*		
	Voltage	220/230/240 Vac		
	Frequency	50/60 Hz ± 0.05 Hz		
	Current Harmonic Distortion	< 3% (linear load)		
	Overload Capability	< 105%: continuous; < 105% ~ 125% : 1 minutes : 125% ~ 150% : 30 seconds		
	Crest Factor	3:1		
	Receptacle	India socket x 3	India socket x 4	India socket x4, Terminal block x1
Efficiency	AC-AC	91%	Up to 93%	
Battery	Nominal Voltage	24 Vdc	48 Vdc	72 Vdc
	Typical Backup Time	Up to 7 Min.**		
	Recharge Time	3hrs to 90% (Long backup model: depends on the capacity of external batt.)		
	Charge Current	Standard model:1A; Long backup model: 4A (increased to 8A via optional 4A charge board)		
Audible Noise		< 43 dBA	< 48 dBA	
Display		LCD panel		
Interface		MINI Slot x 1 , USB Port x 1		
Physical	Dimensions (Wx Dx H)	145 x 320 x225 mm	190 x 390 x325 mm	
	Weight (Standard model)	9.7 Kg	19.1 Kg	24.9 Kg
	Weight (Long backup model)	4.4 Kg	8.2 Kg	8.5 Kg
Environment	Operating Temperature	0 ~ 40° C		
	Relative Humidity	5% ~ 95% (no condensing)		

* Long backup model is 0.8

** When the total load reaches 75%.

All specifications are subject to change without prior notice.



LCD Panel



Advanced UPS Management
Software - UPSentry



Delta offers a full range of 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



ISO 9001:2008



ISO 18001:2007



ISO 14001:2004