

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

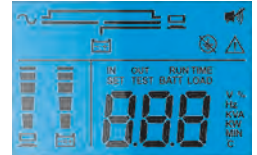


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Technical Specifications				
Model		N-1K	N-2K	N-3K
Power Rating		1kVA/0.9KW	2kVA/1.8KW	3kVA/2.7KW
Input	Nominal Voltage	220/230/240 Vac		
	Voltage range	175 ~ 280 Vac (full load); 80~175 Vac (50%-100% load)		
	Frequency	50/60 Hz ± 10 Hz		
	Power Factor	> 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	IEC C13 x 4	IEC C13x6, C19x1	
Efficiency	AC-AC	91%	Up to 93%	
	Battery	Nominal Voltage	24 Vdc	48 Vdc
Battery	Typical Backup Time	4.5 min.(full load); 13 min.(half load)		
	Recharge Time	3hrs to 90%		
	Charge Current	1A		
	Audible Noise	< 43 dBA	< 48 dBA	
Display		LCD panel		
Interface		MINI Slot x 1 · USB Port x 1		
Conformance	Safety & EMC	CE/ RCM/ EN62040-1/ EN62040-2 Category C2		
Physical	Dimensions (Wx Dx H)	145 x 320 x225 mm	190 x 390 x325 mm	
	Weight	9 Kg	18.6 Kg	24.4Kg
Environment	Operating Temperature	0 ~ 40° C		
	Relative Humidity	5% ~ 95% (no condensing)		

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



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



IECQ Certificate of Hazardous Substance Process Management

