Delta UPS - Amplon Family

N Series, Single Phase 6/10 kVA

Innovative. Compact. High Performance.

The Amplon N series 6-10kVA UPS is a single-phase on-line UPS with pioneering technology that provides output power factor up to unity and AC-AC efficiency to a maximum 95%. Its remarkably compact dimensions reserve more room for critical equipment such as workstations, POSs, ATMs, office appliances, small server rooms, and production equipment. The Amplon N series superior features include a N+X parallel redundancy function and variable fan speed control to guarantee high system availability and best Total Cost of Ownership (TCO).

The Most Compact Design and Best TCO

- The smallest dimensions in its class saves significant space for more critical equipment.
- A pioneer in unity power factor (kVA=kW) to maximize power availability.
- The highest AC-AC efficiency up to 95% and efficiency of 98% in ECO mode for exceptional energy cost savings.
- Automatic speed regulation function with multi-stage fan speed control maximizes system efficiency, significantly reduces audible noise, and prolongs the service life of the fans.

High Availability

- True online double-conversion topology and zero transfer time to battery ensure high reliability.
- Parallel configuration for expansion and N+X redundancy up to 4
- Advanced DSP (Digital Signal Processor) controller for fast computation capabilities and a simplified control circuit for enhanced stability.
- Generator compatibility ensures continuous and reliable power.

Intelligent Management

- Excellent local communications through user-friendly LCD display and LED indicators.
- Intelligent battery management maximizes battery performance and extends battery life.
- Various types of communication interfaces enhance monitoring and manageability.

















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Model		N-6K	N-10K
Power Rating		6kVA/6KW	10kVA/10KW
Input	Nominal Voltage	200/208/220/230/240 Vac	TORVA/TORVI
	Voltage range	200/208 (de-rating to 90%) : 100Vac~280Vac*	
	vollage ralige	220/230/240 : 100Vac~280Vac**	
	Frequency	40Hz ~ 70Hz	
	Power Factor	>0.99 (full load)	
	Current Harmonic Distortion	< 3%	
Output	Power Factor	1	
	Nominal Voltage	200/208/220/230/240 Vac	
	Frequency	50/60 ±0.05 Hz	
	Voltage Harmonic Distortion	< 2% (linear load)	
	Overload capability	< 105%: continuous; 105% ~ 125%: 2 minutes;	
	o remoda capasiii,	125% ~ 150%: 30 seconds	,
	Crest factor	3:1	
Efficiency	AC-AC	Up to 95%	
	ECO mode	Up to 98%	
Battery	Voltage	192-264Vdc adjustable	
	Charge current	1.5-8A selectable	
Audible Noise		< 50dBA	
Display		LED indicators and LCD display	
Communication		REPOx1, RS-232 Port x1, USB Port x1,	
Interfaces		Parallel Port x2, Mini Slot x1	
Physical	Dimensions (WxDxH)	190 x 390 x 325 mm	
	Weight	10.1 Kg	12.7 Kg
Environment	Operating Altitude	1000 meters (without de-rating)	
	Operating Temperature	0 ~ 40°C (at 100% load)	
		45 ~ 55°C (de-rating to 80%)	
	Storage Temperature	-15 ~ 50°C	
	Relative Humidity	5 ~ 95% (non-condensing)	



& BELTA

User-friendly LCD panel



Rear Panel



Amplon N series UPS 1/2/3kVA



Delta offers a full range of UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.

- * Linear de-rating between 40%~90% load at 100Vac~175Vac.
- **Linear de-rating between 40%~100% load at 100Vac~194Vac.

All specifications are subject to change without prior notice.



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



