

AmplOn N Series

Single Phase 6-12 kVA

Uninterruptible Power Supply

The Amplon N series is a true on-line, double-conversion UPS features dual output voltage 120/220Vac simultaneously for different rating of loads. Built-in isolation transformer enhances the quality of power by protecting from various types of noise and reducing harmonic currents.

The Amplon N series has internal automatic and manual bypass that assure continuous power to loads while fault condition or system maintenance. This rugged unit is equipped with independent bypass input system for hot standby installation to achieve higher reliability. It provides perfect protection to server, network or other mission critical applications from blackout, voltage fluctuation and power events.



Availability

- Double-conversion technology provides 24/7 full time protection.
- Built-in isolation transformer enhances power quality.
- Independent bypass input system supports hot standby installation for higher reliability.
- Internal automatic bypass offers sustainable power to loads while UPS fault.
- Dual output voltage designed for providing 120/220Vac simultaneously.
- Built-in batteries for basic backup time demand.

Flexibility

- Remote emergency power off function.
- Built-in manual bypass switch for maintenance safety.
- Optional external battery cabinet for longer backup time.

Low Total Cost Of Ownership

- High input power factor (pf > 0.99) saves installation cost.
- Economy operation mode saves operation cost.
- Wide input voltage range reduces battery discharging occurrence and prolong battery lifetime.



Server



Network



Storage



VoIP



Telecom



Industrial



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Technical Specifications

Power Rating		6kVA/4.2kW	12kVA/8.4kW	
Input	Nominal Voltage	220 Vac (single phase), Dual input design		
	Voltage Range	120 ~ 280 Vac *		
	Power Factor	> 0.99		
	Frequency	60 ± 5 Hz		
	Electrical Connection	Terminal block		
Output	Voltage	120/220 Vac (single phase)		
	Frequency	60 ± 0.05 Hz		
	Voltage Harmonic Distortion	< 6% (non-linear load)		
	Voltage Regulation	± 2%		
	Frequency Regulation	± 0.05 Hz		
	Overload Capability	102 ~ 125%: 1 minute; 125 ~ 150%: 30 seconds		
	Crest Factor	2.7 : 1		
	Electrical Connection	Terminal block		
Battery & Charger	Rating	240 Vdc		
	Charge Current	0.7A	1.3A	
	Electrical Connection	Delta standard connector		
Display	LED	UPS status: Normal, Bypass, Battery, Fault		
	LCD	Input/Output/Bypass (voltage, frequency), Loading and battery level, Abnormal message and intelligent self diagnosis		
Interface	Standard	RS232 x 1, SNMP slot x 1, Dry contact x 1		
	Management Peripherals	SNMP card, Modbus card, Relay I/O control card, EnviroProbe, SNMP hub		
Conformance	Safety	CE, EN62040-1-1		
	EMC	EN62040-1-2 Class A		
Others	REPO	RJ11 connector		
	Maintenance Bypass Switch	Yes		
	Battery Start	Yes		
	AC Start	Yes		
Overall	Efficiency	Online Mode	87% (full load)	88% (full load)
		ECO Mode	94% (full load)	
	Temperature	0 ~ 40°C		
	Relative Humidity	5 ~ 95% (non-condensing)		
	Audible Noise (at one meter)	< 53 dBA	< 65 dBA	
	Dimensions (WxDxH)	280 x 581 x 784 mm		
	Weight	133 kg	165 kg	

* Lower range 120 ~ 176 Vac is acceptable under 70 ~ 100% loading condition.
All specifications are subject to change without prior notice.



N Series 6-12 kVA



Friendly LCD Display + LED Indicators



Power Management Software



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.

