

The power behind competitiveness

# Delta UPS—Amplon Family

INX Series, Single Phase  
Extended Runtime Models (16A)  
1/2/3 kVA

## Reliability for the most critical moments

The INX series is an online double-conversion UPS providing consistent sine-wave power to your critical equipment. The INX series features an input power factor corrector and best-in-class AC-AC efficiency of up to 91% resulting in greater energy savings. The INX series leads the industry in combining compact size, availability, flexibility and best total cost of ownership.

## Availability

- True online double-conversion topology and zero transfer time to battery for high reliability
- High input power factor corrector (> 0.99) for controlled sine wave AC output
- Cold-start capability with temporary battery power when the utility power is out
- Automatic bypass to transfer the load on mains in case of overload and internal fault
- Charging current extended up to 16A

## Flexibility

- Programmable outlets available for non-critical loads
- EPO function available with this model
- Excellent local communications through user friendly LCD display
- Intelligent management software connectivity via RS232, mini slot or USB port
- Three multi-functional buttons for the operation and selection of parameters

## Low Total Cost of Ownership

- Long backup time model with super charger inside the UPS
- Protection against over voltage; charger working even when the UPS is in standby mode
- ECO mode to provide energy cost savings
- Wide input voltage range to reduce the chance of using the battery and to extend battery life
- Intelligent battery management sustaining battery life and performance
- Fan speed control by load level and room temperature to optimize performance
- Automatic shutdown when the power consumption is less than 5%



Server



Network



Security



Home  
Appliances



POS



Banking



Smarter. Greener. Together.

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## Technical Specifications

Model		INX-1K	INX-2K	INX-3K
Power Rating		1kVA/0.9kW	2kVA/1.8kW	3kVA/2.7kW
Input	Nominal Voltage	230 Vac		
	Voltage range	110 ~ 300 Vac*		
	Frequency	40 ~ 70 Hz		
	Power Factor	> 0.99 @ nominal voltage (input voltage)		
Output	Power Factor	0.9		
	Voltage	200**/208**/220/230/240 Vac		
	Voltage Regulation	± 1% (Battery mode)		
	Frequency	47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)		
	Voltage Harmonic Distortion	≤ 2% (linear load); ≤ 4% (non-linear load)		
	Overload Capability	100% ~ 110%: continuous; 110% ~ 130%: 2 minutes; 130% ~ 140%: 30 seconds; >140%: 1.5 seconds		
	Crest Factor	3:1		
Receptacle		Indian socket x 3	Indian socket x 3	Indian socket x 4
Efficiency	Online Mode	89%	90%	91%
Battery Voltage		36 Vdc	72 Vdc	72 Vdc
Charge Current		1/2/4/6/8/10/12/14/16A (adjustable via LCD display)		
Audible Noise		< 50 dB @ 1 meter		
Display		LCD		
Communication Interfaces		Mini Slot x 1, RS-232 Port x 1, USB Port x 1, EPO x 1		
Dimensions (W x D x H)		397 x 145 x 220 mm		421 x 190 x 318 mm
Weight		5.5 kg	6.4 kg	13.1 kg
Environment	Operating Temperature	0 ~ 40°C		
	Relative Humidity	20% ~ 95% (non-condensing)		

\* At 110 ~ 160 Vac, linear de-rating between 60 ~ 100% load is required.

\*\* De-rate capacity to 80% when the output voltage is adjusted to 200 Vac or 208 Vac.

Please refer to the rating label for the safety rating.

All specifications are subject to change without prior notice.



User-friendly LCD Panel



Extended Runtime Models (16A)



Rear panel



Facility Monitoring Software -  
InfraSuite Device Master



Delta offers full range 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 Certified by ISO 9001 and ISO 14001 Standards



IECQ Certificate of Hazardous Substance Process Management