

The power behind competitiveness

# Delta UPS—Amplon Family

INX Series, Single Phase

Standard Runtime Models & Extended Runtime Models (6A)

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 90% 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 ensure 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 & internal fault
- Battery deep discharge protection

## Flexibility

- 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

- Protection against over voltage; charger working even when the input switch is in off position
- 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



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/0.8kW  | 2kVA/1.6kW                            | 3kVA/2.4kW                            |
| 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                    | 0.8   |                                       |                                       |
|                          | 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     | ≤ 3% (linear load); ≤ 6% (non-linear load)  |                                       |                                       |
|                          | Overload Capability             | < 105%: Continuous; 105% ~ 110%: 10 minutes; 110% ~ 130%: 1 minute; > 130%: 3 seconds |                                       |                                       |
| Receptacle               | Standard Runtime Model          | India socket x 3  | India socket x 4                      | India socket x 4 + Terminal block x 1 |
|                          | Extended Runtime Model (6A)     | India socket x 2  | India socket x 2 + Terminal block x 1 |                                       |
| Efficiency               | Online Mode                     | 88%   | 89%                                   | 90%                                   |
| Battery Voltage          | Standard Runtime Model          | 24 Vdc  | 48 Vdc                                | 72 Vdc                                |
|                          | Extended Runtime Model (6A)     | 36 Vdc  | 72 Vdc                                | 72 Vdc                                |
| Charger Current          | Standard Runtime Model          | 1A  |                                       |                                       |
|                          | Extended Runtime Model (6A)     | 1/2/4/6A  |                                       |                                       |
| Audible Noise            |                                 | <50 dB @ 1 meter  |                                       |                                       |
| Display                  |                                 | LCD   |                                       |                                       |
| Communication Interfaces | Standard/Extended Runtime Model | Mini Slot x 1, RS-232 Port x 1, USB Port x 1  |                                       |                                       |
| Dimensions (W x D x H)   | Standard Runtime Model          | 282 x 145 x 220 mm  | 504 x 145 x 220 mm                    | 421 x 190 x 318 mm                    |
|                          | Extended Runtime Model (6A)     | 282 x 145 x 220 mm  | 397 x 145 x 220 mm                    |                                       |
| Weight                   | Standard Runtime Model          | 9 kg  | 16.5 kg                               | 25 kg                                 |
|                          | Extended Runtime Model (6A)     | 4.4 kg  | 7.3 kg                                | 7.8 kg                                |
| Environment              | Operating Temperature           | 0 ~ 40°C  |                                       |                                       |
|                          | Relative Humidity               | 20% ~ 90% (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



Standard models



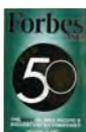
Rear panel



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