Delta UPS-Amplon Family

INX Series, Very Long Backup Models, Single Phase 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's. 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 low 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%



Appliances





Security









Banking

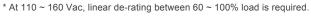




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| Model | | INX-1K | INX-2K | INX-3K |
|-------------------------|---------------------|-----------------------------------------------------------------------------------------------------|------------|--------------------|
| Power Rating | | 1kVA/0.9kW | 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 (Syncronized Range) | | |
| | Current Harmonic | ≤ 2% (linear load); ≤ 4% (non-linear load) | | |
| | Distortion | | | |
| | Overload Capability | 100% ~ 110%: warning only; 110% ~ 130%: 2 minutes; 130% ~ 140%: 30 seconds; >140%: 1.5 seconds only | | |
| | | | | |
| | Crest Factor | 3:1 | | |
| Receptacle | | Indian socket (10A) x 3 Indian socket (10A) x 3 Indian socket (10A) 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 | | |
| Audible Noise | | < 50dBA @ 1 meter | | |
| Display | | LCD | | |
| Communication | | Mini Slot x 1, RS-232 Port x 1, USB Port x 1, EPO x 1 | | |
| Interfaces | | | | |
| Dimensions | | 397 x 145 x 220 m | m | 421 x 190 x 318 mm |
| $(W \times D \times H)$ | | | | |
| Weight | | 5.5 kg | 6.4 kg | 13.1 kg |
| Environment | Operating | 0 ~ 40°C | | |
| | Temperature | | | |
| | Relative Humidity | 20% ~ 95% (non-condensing) | | |



 $^{^{\}star\star}$ 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



Very Long Backup Models



Rear pan



Facility Monitoring Software InfraSuite Device Master



Delta offers full range UPS solutions from 600 VA to 4000 kVA to fulfill your



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



