

# Delta UPS Amplon Family

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

## Reliable Power for Business Excellence

Discover the remarkable INX, a premier online double-conversion UPS series manufactured in India and design exclusively for India customer's need. Unleash your business with this CE certified UPS. Ensure superior performance and quality that surpass expectations!



### High Reliability

---

- True online double-conversion topology and zero transfer time to battery ensure high reliability
- Wide input voltage and frequency range allows the UPS to provide stable power supply even in harsh electrical environment
- Cold-start capability allows battery to start up the UPS when a blackout happens
- Protection against over voltage protects UPS and loads from dangerous mains peak-voltages

### Ultra Durable

---

- Wider operating temperature up to 50 °C
- Long-lasting battery life design provides battery with deep discharge protection and minimizes transfer to battery with wide input voltage range

### Versatile Adaptability

---

- Programmable outlets prioritize outlets to extend battery backup runtime for the most critical load
- Achieve up to 97 % efficiency in active ECO mode, conserving energy and minimizing heat generation
- Charging current supports up to 16 A
- REPO function allows the UPS and loads to be remotely shut down in the event of fire or building evacuation
- Intuitive LCD display provides user with friendly monitoring and configuration functions
- Intelligent management software connectivity via RS232, mini slot and USB ports for remote monitoring and setting



IT



Telecom



Industrial



Transportation



Medical



Financial



Government



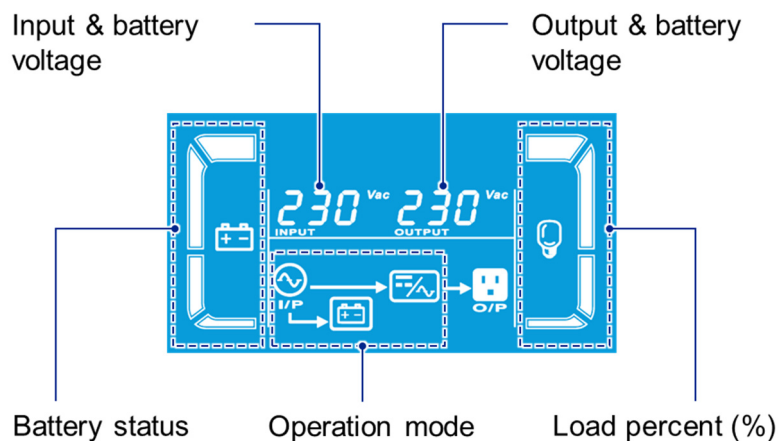
SME



Retail



## LCD



## Rear Panel

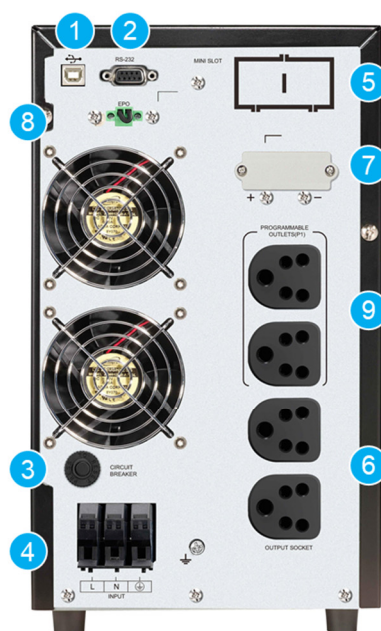
### 1 kVA



### 2 kVA



### 3 kVA



- 1 USB port
- 2 RS-232 port
- 3 Input circuit breaker

- 4 AC input
- 5 Mini slot
- 6 Output socket

- 7 External battery connector
- 8 Remote emergency power off port
- 9 Programmable output socket

## Technical Specifications

Model	INX-1K	INX-2K	INX-3K
Topology	Online double-conversion		
Power Rating	1 kVA 0.9 kW	2 kVA 1.8 kW	3 kVA 2.7 kW
INPUT			
Nominal Voltage	230 Vac, 1 phase 2 Wire (1PH+PE)		
Voltage Range Model	160~300 Vac (full load), 110~160 Vac (with derating to 60-100 % load)		
Frequency	40~70 ± 0.5 Hz		
Power Factor	> 0.99 (full load)		
Plug Type	Plug 16 A India		Terminal
OUTPUT			
Nominal Voltage	200 <sup>(1)</sup> , 208 <sup>(1)</sup> , 220, 230, 240 Vac		
Voltage Regulation	±1 %		
Frequency	50/60 ± 3 Hz		
Total Harmonic Distortion (THDv)	≤ 2 % (linear load); ≤ 4 % (non-linear load)		
Power Factor	0.9		
Connection	Indian socket x3		Indian socket x4 + Terminal x1
Overload Capability	100~110 %: continuous; 110~130 %: 5 minutes; 130~140 %: 30 seconds; > 140 %: 1.5 seconds		
Current Crest Ratio	3:1		
EFFICIENCY			
Online Mode	89 %	90 %	91 %
ECO Mode	95 %	97 %	
BATTERY			
Battery Type	VRLA		
Nominal Voltage	36 Vdc	72 Vdc	
Charge Current	1, 2, 4, 6, 8, 10, 12, 14, 16 A (configurable)		
COMMUNICATION INTERFACE			
Display	LCD screen with LED indicators		
Port	USB, RS-232, Mini slot (option for mini SNMP, mini Modbus and mini relay I/O card)		
Audible Alarm	Battery mode, Low battery, Overload, Fault, Bypass mode		
PHYSICAL			
Dimensions (W x D x H)	145 x 397 x 220 mm		190 x 421 x 318 mm
Net Weight	6.1 kg	7.4 kg	11.4 kg
Packing Dimensions (W x D x H)	230 x 472 x 325 mm		320 x 560 x 460 mm
Packing Weight	8.0 kg	9.3 kg	14.5 kg
ENVIRONMENT			
Operating Temperature	0 to 50 °C (40 to 50 °C de-rating to 80 % load)		
Humidity	20~95 % (non-condensing)		
Audible Noise	< 50 dBA	< 57.5 dBA	
Altitude	0-4,000 m (derating 1 %/100 m from 1,000-4,000 m)		
Storage Temperature	-20 to +50 °C		
Ingress Protection	IP20		
CONFORMANCE			
Safety	BIS, CE		
EMC	IEC 62040-2		

(1) De-rating to 80 % load

All specifications are subject to change without prior notice.

Management Solution

UPSentry

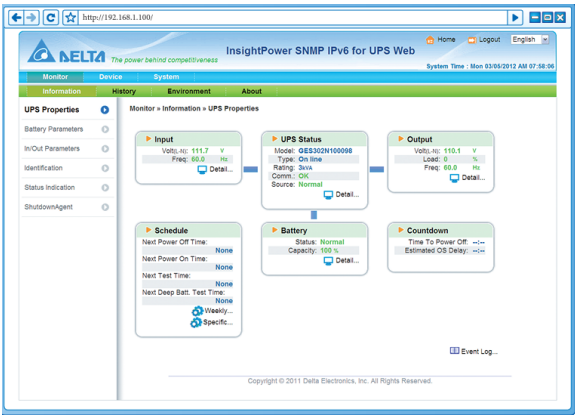
- Supports RS-232 & USB communication
- Schedules shutdown, restart and battery test
- Event tracking

ShutdownAgent

- Provides a graceful unattended shutdown of multiple computer systems over a network

SNMP IPv6 (optional)

- Remote UPS management from any workstation through internet or intranet
- UPS and system function configuration from any client (password protected)
- Event logs and data tracking



What's in the Box

Standard Accessories

INX UPS
User manual
USB cable (1.5 m)
AC input cable (1.5 m)
Battery cable with screws and nuts
ShutdownAgent
UPSentry software



More Product Information

Optional Accessories

UPS Management Accessories

Mini SNMP IPv6 (Part number: SCMS100035)	Manages UPS and system functions securely and adjusts parameters through SNMP management stations or internet browsers using HTTP forms.
Mini Relay I/O Card (Part number: 3915101864-S)	Offers 6 relay output contacts to monitor status and 2 input contacts for simple shutdown and battery testing in UPS management.
Mini Modbus Card (Part number: 3915101865-S)	Supports Modbus communication with a PC via RS-485 and RS-232 interfaces, allowing for flexible and simultaneous use.



Delta Group



Delta Power Solutions



Delta ICT LinkedIn



Delta ICT YouTube

