

## Features

- Online Double Conversion
- 0 (Zero) Transfer Time
- Ideal Robustness for Heavy Loads
- Inverter With IGBT Technology
- Cold Start Function (Cold Start From Batteries)
- Ups Monitoring Software
- Automatic Electronic Bypass
- Automatic Protection Cut-off at the Entrance
- Isolation Transformer at the Output

## Solves the following power quality issues

- High Voltage Surge
- Low Voltage Surge
- Sustained High Voltage
- Sustained Low Voltage
- Electric Noise
- Voltage Spikes
- Power Failure
- Frequency Variations
- Harmonic Distorsion

## Applications

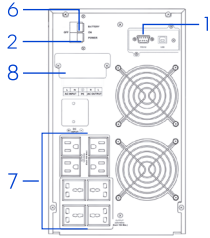
- Sites / Computer Rooms
- Data Center
- Medical Equipment
- Precise Instrumentation
- Telecommunications
- Industry / Heavy Loads
- Commercial Buildings
- Self-Service
- Department Stores
- Laboratory Equipment

## Optional

- SNMP Network Card
- InduStronic Power Conditioner to Protect UPS and Extend Battery Life
- InduStronic Transient Voltage Surge Suppressor
- External Battery Bank for Extended Backup Time



# UPS-IND 1222 Datasheet



- 1 RS232 Port
- 2 Power supply switch
- 3 Maintenance bypass
- 4 Input/output terminal block
- 5 Bypass power supply switch
- 6 Battery switch
- 7 Output contacts
- 8

Model: UPS-IND

UPS IND 1222

Input	
Capacity (kVA / kW)	3 / 2.4
Overload Protection	Thermomagnetic switch
Voltage (Vca)	220, 230, 240
Accepted Voltage Range	± 25% (165 - 300)
Phases	2 Phase (2 wires + ground)
Frequency (Hz)	60 ± 10 % (optional 50 ± 10 %)
Input Power Factor	0.90 empty > 0.95 at full load
Output	
Output Power Factor	0.8
Voltage (Vca)	120 - 208 - 220 - 240
Voltage Regulation Range	± 1%
Phases	2 phases (3 wires + ground)
Frequency (Hz)	60 ± 0.2% (optional 50 ± 0.2%)
Wave Form	THD Pure sinusoidal wave ≤ 3% (linear load)
Transference Time (ms)	0.0 (on line)
Overload	125% of nominal load for 60 s; 150% for 1 s
Battery Bank	
Voltage (Vcd)	96
Battery Type	Lead acid (sealed and maintenance free)
Full Load Battery Backup Time (min)	5
Maximum Load Current (A)	1 - 4
Battery Bank	Internal
Physical & Mechanical	
Audible Noise (dB)	< 65, at 1 meter
MTBF (h)	100,000
Operational Temperature (°C)	0-40
Relative Humidity	0 - 95% without condensation
Maximum Operating Altitude (mamsl)	2,000 at 100% & 3,000 at 96%
Cabinet	Steel with electrostatic baked epoxy paint
Dimensions, height x width x depth (mm)	200 x 670 x 350
UPS Weight (kg)	46
Technology	
Conversion Type	On line double conversion (online)
Rectifier	H bridge PFC rectifier
Inverter Conmutation Elements	PWM technology with IGBT conmutated at 9000 Hz
Inverter Configuration	Pulse width modulated (PWM)
Inverter Type	H bridge
Battery Status	Real time online and discharge data with 3% precision
Thermal Dissipation (kBTU/h)	0,9
Internal Bypass	Static
Certifications	UL, 1778, CE-IEC 62040 - 1, ISO 9001:2015, NOM
Communication Interface	RS232 (SNMP network card, optional ethernet)
Monochromatic LCD Screen	Backlight: input/output voltage, load capacity, battery voltage, operating status
Alarm	Overload, abnormal alternate current on the input

The specifications are subject to changes and modifications without prior notice, due to our commitment of continuous improvement of reliability, design and functionality of our products