

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

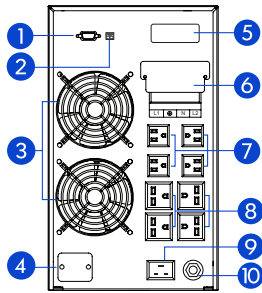
- Sites / Computer Rooms
- Data Center
- Medical Equipment
- Precise Instrumentation
- Telecommunications
- Industry / Heavy Loads
- Commercial Buildings
- Self-Service
- Department Stores
- Laboratory Equipment

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 Specs



- 1 RS232
- 2 EPO
- 3 Fans
- 4 Battery terminal
- 5 Intelligent slot (optional SNMP network card)
- 6 Output terminal block 120-240 V
- 7 Output contact, NEMA 5-15R 120 V
- 8 Output contact, NEMA 6-15R 220 V
- 9 AC input socket
- 10 Reset button

Model UPS-IND	UPS IND 1222
Input	
Capacity (kVA / kW)	3 / 2.4
Overload Protection	Electronic breaker
Voltage (Vca)	220, 230, 240
Accepted Voltage Range	± 25% (nominal) (165 - 300 Vca)
Phases	2 Phase + ground
Frequency (Hz)	50 / 60 ± 10 % (autoadjustable)
Input Power Factor	0.90 empty > 0.95 at full load
Output	
Output Power Factor	0.8
Voltage (Vca)	120-208-220-230-240 (only 120 and 220 available at the same time)
Voltage Regulation Range	± 1% (typical)
Phases	2 phases+ neutral + ground
Frequency (Hz)	50 / 60 ± 0.2% (battery mode)
Wave Form	THD Pure sinusoidal wave ≤ 3% (linear load)
Transference Time (ms)	0.0 (on line)
Overload	105% < load < 130% 60 s, 130% < load < 150% 1 s, > 150% 200 ms
Battery Bank	
Voltage (Vcd)	96
Battery Type	Lead acid (sealed and maintenance free)
Full Load Battery Backup Time (min)	5 (standar)
Maximum Load Current (A)	1 (optional 4, adding charger)
Battery Bank	Internal (optional external for extended time)
Physical & Mechanical	
Audible Noise (dB)	< 55, at 1 meter
MTBF (h)	100,000
Operational Temperature (°C)	-5-40
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)	350 x 200 x 670
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 (automatic electronic)
Certifications	CE-IEC 62040 - 1, ISO 9001:2015, NOM
Communication Interface	RS232 (optional: SNMP ethernet network card)
Emergency Power Outage (EPO)	Connection for external emergency stop
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