

Features

- Online Double Conversion
- 0 (Zero) Transfer Time
- Wide Input Voltage Range
- Manual Maintenance Bypass
- Electronic Automatic Bypass
- Cold Start Function (Cold Start From Batteries)
- UPS Monitoring Software
- Isolation Transformer at the Output
- Advanced Power Factor Corrector
- Rectifier and Inverter with IGBT Technology
- SNMP Communication Pport

Solves the following power quality issues

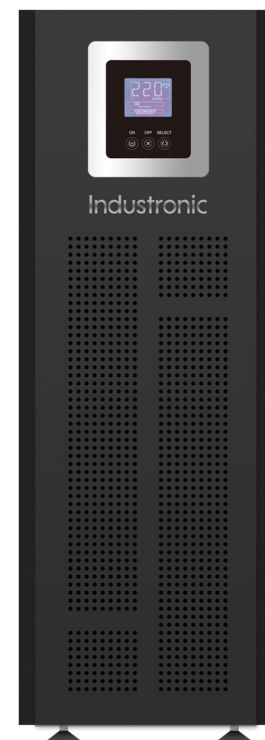
- High Voltage Surge
- Low Voltage Surge
- Sustained High Voltage
- Sustained Low Voltage
- Electric Noise
- Voltage Spikes
- Power Failure
- Frequency Variations
- Harmonic Distorsion

Applications

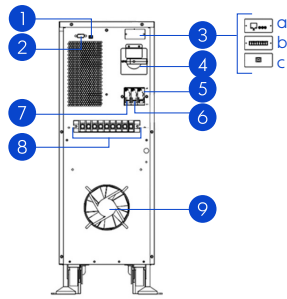
- Computer Equipment
- Medical Equipment
- Servers and Network Equipment
- Routers, Telecommunications, VoIP
- Telephony
- Point of Sale
- Security System
- Laboratory / Hospital Equipment
- Control Equipment

Optional

- Parallel Technology by Capacity or Redundancy
- InduStronic Power Conditioner to Protect UPS and Extend Battery Life
- InduStronic Transient Voltage Surge Suppressor
- External Battery Bank for Extended Backup Time



UPS-IND HF 1200 Specs



- 1 (EPO) Emergency Power Off
- 2 RS232 Communication port
- 3 Space for: (a. SNMP, b. RS485 & dry contacts, c. USB)
- 4 Maintenance Switch
- 5 Main breaker switch
- 6 Bypass breaker switch
- 7 Battery breaker switch
- 8 Input/Output terminals & battery
- 9 Ventilator

Model: UPS-IND HF	1206	1210
Input		
Capacity (kVA / kW)	6 / 5.4 (optional 6/6)	10 / 9 (optional (10/10))
Overload Protection	Thermal magnetic input circuit breaker	
Voltage (Vca)	220	
Accepted Voltage Range	- 20%, + 25%	
Phases	2 phases (2 wires + ground)	
Frequency (Hz)	50 / 60 ± 10 % (autodetection)	
Input Power Factor	0.99	
Output		
Output Power Factor	0.9 (optional 1.0)	
Voltage (Vca)	120 / 208 / 220 / 230 / 240 (adjustable)	
Voltage Regulation Range	± 1% (typical)	
Frequency (Hz)	50 / 60 ± 0.2% (battery mode)	
Wave Form	THD pure sinusoidal wave ≤ 1% (linear load), ≤ 3% (non-linear load)	
Transference Time (ms)	0.0 (online)	
Overload	130% nominal load for 10 min; 150% for 30 s, above 150% for 0.5 s	
Load unbalance capability	100%	
Efficiency	96%	
Battery bank		
Voltage (Vcd)	192 standard (192 -240 adjustable)	
Battery Type	12 volts 7.2 Ah / 12 volts 9 Ah (lead acid, maintenance-free)	
Battery Backup Time (min)	3 -5 min. at full load, 9-18 min. at half load	
Maximum Load Current (A)	1.0 – 3.0 (adjustable)	
Location	Internal	
Physical & Mechanical		
Audible Noise (dB)	< 55, at 1 meter	
MTBF (h)	233,000	
Operational Temperature (°C)	0 - 40 at full load, 50 at 90% of the load	
Relative Humidity	0 - 95% without condensation	
Maximum Operating Altitude (mamsl)	2,300 at 100% , 3,100 at 85%	
Cabinet	Electrostatic baked epoxy coated steel, NEMA type 1	
Dimensions, height x width x depth (mm)	720 x 250 x 660	
UPS Weight (kg)	104 (68 w/o battery)	128 (88 w/o battery)
Technology		
Conversion Type	On-line double conversion (online)	
Rectifier	IGBT Technology	
Inverter	PWM Technology with IGBT conmuted at 19.2 kHz	
Inverter Configuration	H Bridge	
Inverter Type	(PWM) Pulse width modulated	
Battery Status	Real time Online/Discharge information with 3% precision	
Thermal Dissipation (kBTU/h)	1.8	3
Certifications	CE-IEC 62040 - 1, ISO 9001 : 2015, NOM-001-SCFT-1993	
Communication Interface	RS-232 + SNMP (EPO Dry contacts, USB, optional)	
LCD Monochromatic Screen	LCD screen indicates UPS operating status	
Alarm	irregular power supply, low battery voltage & UPS malfunction	

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