

## Features

- Online Double Conversion
- Wide Input Voltage Range
- Power Factor 0.9
- 5 Minutes Backup Time
- Internal, Lead-Acid (Maintenance-free Batteries)
- Two Unit Rack Space
- 4 Year Battery Life
- $\pm 1\%$  Voltage Regulation

## 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

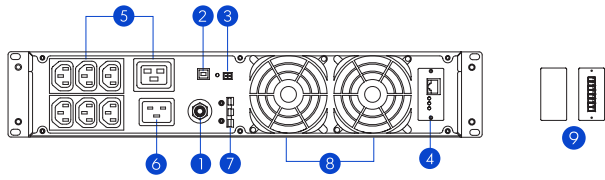
- Computer Equipment
- Medical Equipment
- System or IT Rack Servers
- Routers, Telecommunications, VOIP
- Point of Sale
- Security System
- Laboratory / Hospital Equipment
- Control Equipment
- Closed Circuit (CCTV)
- Bank ATMs

## Optional

- SNMP Network Card (Optional)
- External Battery Bank for Extended Backup
- InduStronic Power Conditioner to Protect UPS and Extend Battery Life



# UPS-IND RP 1203 Specs



- 1 Overcurrent protection
- 2 USB Port
- 3 EPO Connector
- 4 SNMP Port
- 5 Output connectors
- 6 Input Connectors
- 7 UPS battery connector
- 8 Cooling fan(s)
- 9 RS485 & dry contacts (optional)

Model UPS-IND RP	1203
<b>Input</b>	
Capacity (kVA / kW)	3 / 2.7
Overload Protection	Thermal magnetic input circuit breaker
Voltage (Vca)	220
Accepted Voltage Range	-25%, +23%
Phases	2 phases + ground
Frequency (Hz)	50 / 60 ± 5% (50/60 auto adaptable)
Input Power Factor	0.90 when empty > 0.95 at full load
<b>Output</b>	
Overload Protection	0.9
Output Power Factor	220
Voltage (Vca)	± 1%
Voltage Regulation Range	50 / 60 ± 0.2% (battery mode)
Frequency (Hz)	Pure sinusoidal wave THD ≤ 3% (linear load)
Waveform	0.0 (on line)
Transfer Time (ms)	Transfere the load to the bypass
Overload	125% for 60 s, 150% for 1 s
<b>Battery Bank</b>	
Voltage (Vcd)	72
Battery Type	Lead acid (sealed and maintenance free)
Battery Backup Time at Full Load (min)	5
Maximum Load Current (A)	1 (optional 4) (battery monitoring system included)
Battery Bank	Internal
<b>Physical &amp; Mechanical</b>	
Audible Noise (dB)	< 55, to 1 meter
MTBF (h)	130,000
Operational Temperature (°C)	0-40
Relative Humidity	0 - 95% without condensation
Maximum Operating Altitude (mamsl)	2,300 at 100% & 3,000 at 96%
Cabinet	Steel with electrostatic baked epoxy coating
Dimensions, height x width x depth (mm)	87 x 438 x 570
Weight (kg)	24.8
<b>Technology</b>	
Conversion Type	On-line double conversion (online)
Inverter Conmutation Elements	PWM technology with IGBT switched at 19.2 kHz
Inverter Configuration	H bridge
Inverter Type	Pulse width modulated (PWM)
Thermal Dissipation (kBTU/h)	0.716
Certifications	CE-IEC 62040 - 1, ISO 9001: 2015, NOM
Communication Interphase	USB port, supports energy management software (optional: SNMP, RS485 & dry contact)
Monitor Screen	LCD
Alarm	Low battery, abnormal power supply, UPS malfunction & output overload
Protection from	Low battery voltage, overload, short circuit, overheating

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