

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

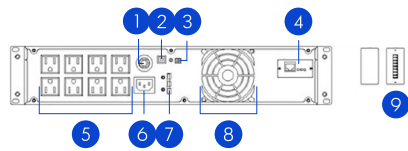
- Computer Equipment
- Medical Equipment
- System or IT Rack Servers
- Routers, Telecommunications, VOIP
- Point of Sale
- Security System
- Laboratory / Hospital Equipment
- Control Equipment
- Closed Circuit (CCTV)
- Bank ATMs

Optional

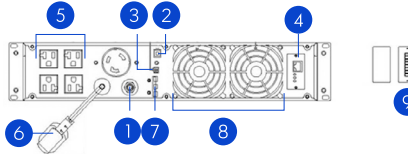
- SNMP Network Card (Optional)
- External Battery Bank for Extended Backup
- InduStronic Power Conditioner to Protect UPS and Extend Battery Life



UPS-IND RP 1100 Specs



UPS IND RP 1101



UPS IND RP 1102/1103

- 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	1101	1102	1103
Input			
Capacity (kVA / kW)	1 / 0.9	2 / 1.8	3 / 2.7
Overload Protection	Thermal magnetic input circuit breaker		
Voltage (Vca)	110, 120		
Accepted Voltage Range	-25%, +23%		
Phases	1 phase + neutral + ground		
Frequency (Hz)	50 / 60 ± 5% (50/60 auto adaptable)		
Input Power Factor	0.90 when empty > 0.95 at full load		
Output			
Overload Protection	Transfers the load to bypass		
Output Power Factor	0.9		
Voltage (Vca)	110, 120		
Voltage Regulation Range	± 1%		
Frequency (Hz)	50 / 60 + 0.2% (battery mode)		
Waveform	Pure sinusoidal wave THD ≤ 3% (linear load)		
Transfer Time (ms)	0.0 (on line)		
Overload	125% for 60 s, 150% for 1 s		
Battery Bank			
Voltage (Vcd)	24	72	
Battery Type	Lead acid (sealed and maintenance free)		
Battery Backup Time at Full Load (min)	5		
Maximum Load Current (A)	4 (battery monitoring system included)		
Battery Bank	Internal		
Physical & Mechanical			
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 420	87 x 438 x 570	
Weight (kg)	8.89	17.1	
Technology			
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)	0.307	0.545	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