

# POWERCOM UPS



## IND Series

### Features

- AVR input voltage Range 140V- 300V
- Battery charging in UPS off mode
- Indian output sockets
- Data Line Protection RJ11 and RJ45
- Generator Compatibility
- Line interactive design
- Boost and buck AVR (Auto voltage regulation)
- Fully digitized microprocessor controlled
- Energy saving function (UPS green mode)
- 50/60Hz frequency auto sensing and selection
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- Advanced battery management (ABM technology)
- Tel/Modem internet surge suppression
- Automatically charging when UPS off

Model	IND606A	IND1000AP	IND2200AP
Capacity	1 PC load	1000VA / 600W	2200VA / 1320W
Input	Voltage Frequency Range AVR Generator Compatible	230V 40-65Hz 140-300V Yes	230V 45-65Hz 170-275V Yes
Output	Connection Voltage on mains Frequency on mains Voltage on Battery Frequency on Battery Waveform Power Factor Lagging Efficiency Sockets Bypass	3 pin 10A, Indian plug, 1.5m wire 230V ± 10% Follows input 230V ± 5% 50 Hz ± 0.5% Quasi sinewave 0.6 > 87% 2 x 5 pin Nil	3 core 1.5m wire 230V ± 5% Yes 6 IEC
Protection	Input Protection O/P short circuit O/P overload shutdown Spike	cct breaker 3A UPS cutoff immediately 110% for 3 min, 150% for 3 Sec 320j, 2ms	Fuse Yes 10A cct breaker
Transfer Time	Mains to Inverter DC Bus	4 - 8 ms 12V	48V
Battery	Internal Battery External Battery Protection  Typical Recharging time Backup Time (a pc with 15" monitor)	7.2AH, SMF, 3-6 years typical lifetime Nil Auto discharge protection 6 hrs (to 90% full capacity) appx. 10-15 min	Connector for addnl. ext battery connection Auto discharge protection, battery replace indicator appx. 80-90 min.
Indications	Power ON Inverter ON	LED steady LED blink	
Alarm	Battery backup Battery Low Overload	Slow beeping sound (about 0.47Hz) Rapid beeping sound (about 1.8 Hz) Continous beeping sound	
Interface	10base T port RS-232	Optional Optional	Rj11 & Rj45 communication port Included
Shutdown SW	UPSMON	Optional	Included
Environment	Ambient operation Audible noise Storage Condition	0-40°C, 0-95% humidity non condensing, 3500 meter max. < 40 DbA (1 meter from surface) 15,000 meter max. Elevation	
Physical	Weight Dimension - WxDxH (mm)	6.6 Kgs. 59 x 320 x 135	14.8 Kgs. 130 x 382 x 192
			27 Kgs. 170 x 450 x 225