

Line Interactive UPS with Longer Back up

NG Series

NG-650 ~ NG-1000

Application:

PC, Workstation, Printer

Features:

- Upto 120 minutes backup on a single PC
- Line interactive design
- High efficiency microprocessor based design
- AVR input voltage range 140V- 290VAC
- Boost and buck AVR (Auto voltage regulation)
- Cold start function (DC Power ON)
- Short circuit and overload protection
- Advanced battery management (ABM technology)
- Automatically charging when UPS OFF
- Sleek, compact & small footprint cabinet



Model	NG 1080+	
Capacity	1000VA/600W	
Input	Voltage	230V
	Frequency Range	45-55Hz
	AVR	140V-290V
	Connection (1.5m wire)	3 pin 6A, Indian plug
Output	Voltage on mains	230V + 10% -15%
	Frequency on mains	Follows input
	Voltage on Battery	230V ± 5%
	Waveform	Quasi sine wave
	Power Factor Lagging	0.6
	Efficiency	> 78%
	Sockets	3 x universal sockets
Protection	Input Protection	Fuse
	O/P short circuit	UPS shutdown immediately
	O/P overload shutdown	110% for 3min, 150% for 10 Sec
Transfer Time	Mains to Inverter	4-8 ms
Battery	DC Bus	24V
	Internal Battery	4 x 9 AH, SMF
	Life	2-3 years typical lifetime
	External Battery	Nil
	Protection	Auto discharge protection
	Typical Recharging time	8-10 hours (to 90% full capacity)
Backup Time	120mins on 1 PC load	
Indications	Power ON	Green LED
	Inverter ON	Red LED
	Battery charging	Yellow LED
Alarm	Battery backup	Slow beeping sound (about 0.47Hz)
	Battery Low	Rapid beeping sound (about 1.8 Hz)
	Overload	Continuous beeping sound
Environment	Ambient operation	0-40°C, 0-95% humidity non condensing, 3500 meter max.
	Audible noise	< 40 DbA (1 meter from surface)
	Storage Condition	15,000 meter max. Elevation
Physical	Weight	17.5 Kgs.
	Dimension - DxWxH (mm)	430x210x240