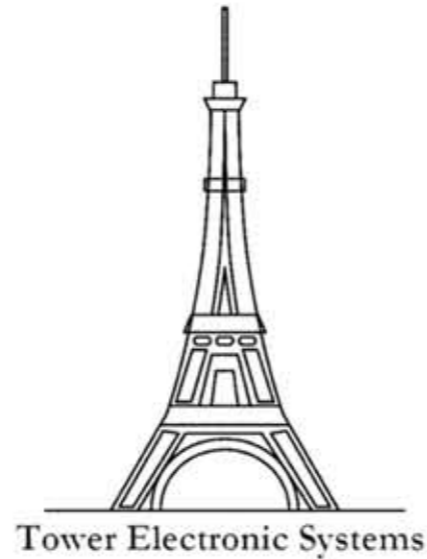


# N Series

Line Interactive UPS

Series

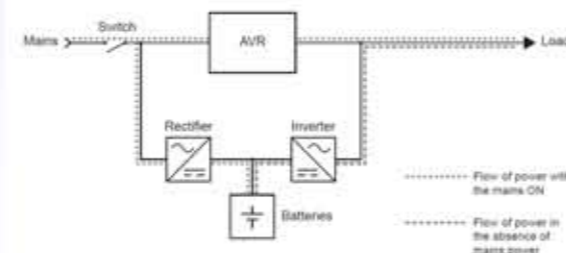


## Overview

This line-interactive UPS remains in standby mode with the batteries being charged via AC utility power. When the utility power shuts down, output power is switched over to the built in inverter which supplies AC power from the internal battery to keep a stable output power supply. These UPS are generally considered high rate, low noise, cost effective units mostly used in a stable environment with small fluctuations in utility power and lower requirements of output power supply quality.

## Key Features

- Micro controller (CPU)
- Waveform: Square (battery mode)
- Wide AVR range
- Overload and Short circuit protection
- UPS auto on when AC utility returns
- UPS off mode charging
- Humidity: less than 90%
- Smart RS-232 or USB communication (optional)
- Modem/Line surge protection
- Overload / Over charge / Short circuit protection
- Low battery alarm



## SPECIFICATIONS:



Model	N650	N1200
Nominal Capacity	650VA / 390W	120VA / 600W
Input	Power Factor	0.6
	Input Voltage Range	140 - 290VAC ± 5V
	Input Frequency	50Hz
Output	Output Voltage Range	220/230VAC ± 10% (AC MODE) / 220/230VAC ± 5% (BATTERY MODE)
	Output Frequency	AC mode sync with line / Battery mode 50Hz ± 1Hz
	Output Waveform	AC mode Sine Wave (sync with line) / Battery Mode Square Wave
Battery	Battery Type	Sealed Maintenance Free Lead Acid
	Battery Capacity	1 x 12v 7Ah
	Battery Recharge Time	8hrs to 90%
Transfer Time	<10ms	
Overload	110%<load<120% buzzer beeps ; load>120% output shuts off & buzzer beeps continuously	
Communication	None	
Protection	Fuse	
Alarms	Battery Discharge, Low Battery, Overload	
Environment	Operating Temperature	0-40°C
	Operating Humidity	0-90% Non-Condensing
	Noise	<35dB (1meter distance)
Dimensions (WxDxH) mm	90x291x145	122x345x190
Weight (kg)	3.5	7

\* Product specifications are subject to change without prior notice.