

NANOPOWER SERIES

1000VA Line Interactive UPS



A Line Interactive UPS is a type of Uninterruptible Power Supply (UPS) that provides backup power to electronic devices such as computers, servers, and telecommunication hardware for a few minutes in case of power outages. It uses an inverter output and an automatic voltage stabilizer to regulate the voltage levels and prevent damage from low or high voltages.



General Features

- Line Interactive UPS with simulated sinewave output
- Excellent microprocessor control guarantees high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (one boost and one buck control)
- Auto restart while AC is recovering
- Cold start function
- Off-mode charging
- Fast intelligent battery recharge function
- Offering LED and LCD panels for selections
- Optional Generator compatible
- Optional USB/RS232 communication port and RJ11/RJ45 protection

SPECIFICATIONS

MODEL	CN1000N / CN1000N-LU	
Capacity	VA	1000
	Watts	600
Input	Normal input voltage	110/120 Vac or 220/230/240 Vac
	Operating voltage range	81~145 Vac / 162~290 Vac
	Operating Frequency Range	60/50Hz (auto sensing)
Output	AC Voltage Regulation (Batt. Mode)	±10%
	Frequency Range (Batt. Mode)	60/50Hz ±1 Hz
	Transfer Time	Typical 2-6ms, 10ms Max.
	Waveform (Batt. Mode)	Simulated Sinewave
Battery	Battery Voltage	24Vdc
	Battery Type & Number	12 V / 7 Ah x 2
	Typical Recharge Time	4~6 hours recover to 90% capacity
Indicators	LED Display (LED version)	AC Mode, Battery Mode, Overload, Fault
	LCD Display (LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low
Protection	Full Protection	Short circuit, Overload , Overcharge and overdischarge protection
Alarm	Battery mode	Sounding every 10 seconds
	Low Battery	Sounding every second
	Overload	Sounding every 0.5 second
	Battery Replacement Alarm	Sounding every 2 seconds
	Fault	Continuously sounding
Management	Communication port	USB or RS232(Supports Windows® 7/8/10, Linux, Unix, and MAC)
Operating Environment	Humidity	0-90 % RH @ 0- 40°C (non-condensing)
	Noise Level	Less than 45dB
Physical	Dimension W x D x H (mm)	353x149x162
	Net Weight S/H (kg)	Approx.7.8



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ORDERING INFORMATION

Part Number	Description
CN1000N	1000VA Line Interactive UPS (Internal Battery)
CN1000N-LU	1000VA Line Interactive UPS with LCD display and USB Port(Internal Battery)

