

NANOPOWER SERIES

1200VA 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 | | CN1200N / CN1200N-LU |
|-----------------------|------------------------------------|---|
| Capacity | VA | 1200 |
| | Watts | 720 |
| 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 x2 |
| | 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 Window 2000/2003/XP/Vista/2008, Window 7, 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.8.4 |

| STANDARDS | | |
|-------------|---|--|
| Safety | IEC/EN62040-1;IEC/EN60950-1 | |
| EMC | IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8 | |
| Performance | IEC/EN62040-3 | |

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ORDERING INFORMATION

| Part Number | Description |
|-------------|---|
| CN1200N | 1200VA Line Interactive UPS (Internal Battery) |
| CN1200N-LU | 1200VA Line Interactive UPS with LCD display and USB Port(Internal Battery) |

