

Line Interactive UPS with USB and 10 Outlets - 120V, 1300VA, 720W, 50/60 Hz, AVR, ECO Series, ENERGY STAR V2.0

MODEL NUMBER: ECO1300LCD



Line-interactive UPS provides energy-efficient battery backup with AVR protection for your desktop computer and home theater system.

Features

Energy-Saving 1300VA/720W USB Battery Backup for PCs or Home Theater Systems

This 120V line-interactive AVR UPS system provides reliable battery backup and AC power protection against blackouts, brownouts, surges and line noise that can damage valuable electronics or destroy data. The 10-outlet UPS is ideal protection for your home office or media center components, including computers, routers, printers, NAS drives, HDTVs, Blu-ray players, game consoles, media players, DVRs and audio receivers.

Allows Time to Back Up Critical Files During a Blackout

Backup support allows you to work through short power failures, and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the line-interactive UPS system should keep an energy-efficient desktop computer with LCD monitor powered as long as 75 minutes. During normal operation, incoming utility power keeps the UPS battery fully charged, so backup power will always be available. The hot-swappable internal batteries can be replaced by the user.

Connects Your Equipment to 10 NEMA 5-15R Outlets

Five 5-15R outlets provide both battery backup and surge protection for your computer, monitor and other crucial components. The other five 5-15R outlets are surge-protected only for printers, scanners and other non-essential equipment. Two outlets—one battery/surge and one surge-only—are spaced apart from the others to accommodate bulky transformers. Four are ECO outlets designed to save you money and protect the environment (see below).

ENERGY STAR-Certified to Help You Save Money and Protect the Environment

By meeting strict EPA efficiency guidelines, this ENERGY STAR-certified UPS system helps you save money and energy. An ECO power-saving option features four ECO outlets—three surge-only, one surge- and battery-protected—that turn off automatically when the device connected to the Battery Backup Master Outlet is powered down or in sleep mode. These outlets are recommended for printers, desk lamps and other non-essential peripherals that don't need to be operational all the time.

Even Backs up Essential Data When You Aren't Around

Use the included USB cable to connect the USB-B port to your computer. Working with free downloadable PowerAlert® software, this optional feature can enable safe unattended system shutdown and file saves in the event of a prolonged power failure when you aren't around.

Automatic Voltage Regulation (AVR) Corrects Low-Voltage Conditions

AVR protects your equipment from incremental hardware damage, data loss and performance problems caused by brownouts. The ECO1300LCD can correct brownouts as low as 86V back to nominal 120V power without drawing on the battery backup needed to support your equipment during a blackout.

316 Joules Fight Back Against Unexpected Power Surges

Highlights

- Protects valuable equipment from dangers posed by brownouts, surges and line noise
- Battery backup allows enough time to save files and safely shut down during blackouts
- 10 NEMA 5-15R outlets provide power to desktop PC or home theater systems
- ENERGY STAR Version 2.0 qualified, includes 4 ECO outlets, to help you save energy and money
- Easy-to-read digital display reports important UPS and power information in real time

Applications

- Protect your PC and other sensitive electronics against power surges, brownouts and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down PCs, DVRs, routers and other equipment without data loss during long-term power outages
- Turn off outlets connected to printers, desk lamps and other non-essential devices when not in use to save energy

Package Includes

- ECO1300LCD ECO LCD 120V 1300VA 720W Line-Interactive UPS
- USB cable
- Owner's manual



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A 316-joule surge suppression rating protects connected components from the harmful effects of power surges. Dual network data line surge suppression jacks protect a wired peripheral from dangerous surges on a single 10/100Base-T or dial-up network connection.

USB Charging Ports Keep Mobile Devices Fully Powered for Immediate Use

Two 5V USB ports share 2.1 amps of maximum charge current for charging smartphones, tablets, MP3 players and other essential mobile devices compatible with USB chargers. These ports are intended only for USB charging, which is available when the UPS system is turned on and receiving utility power.

Combats Electromagnetic Interference That Can Harm Equipment

Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to incremental hardware damage, data corruption and audio/video transmission problems. The ECO1300LCD incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

Easy-to-Read LCD Reports Real-Time UPS and Power Status

The front-panel LCD displays a variety of UPS and site electrical conditions, including UPS operating mode, voltage, frequency, load level, battery charge level, wiring fault and estimated runtime remaining. A built-in audible alarm sounds to warn you of a low battery or overload conditions.

Tower Form Factor for Easy Placement in Your Workspace or Media Center

The long-lasting ABS housing fits easily on a desktop, shelf or anywhere else convenient to your workstation or home theater. The six-foot power cord connects to a properly grounded AC wall outlet. The right-angle NEMA 5-15P plug allows easier connection in tight spaces.

Specifications

| OVERVIEW | |
|------------------------------------|-------------------------------------|
| UPC Code | 037332205155 |
| UPS Type | Line-Interactive |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 12A |
| Nominal Input Voltage(s) Supported | 120V AC |
| UPS Input Connection Type | 5-15P |
| Input Circuit Breakers | 15A |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| OUTPUT | |
| Output Capacity (VA) | 1300 |
| Output Capacity (kVA) | 1.3 |
| Output Capacity (Watts) | 720 |
| Output Capacity (kW) | 0.72 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |



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| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | 120V (+18% / -13%) |
| Output Voltage Regulation (Battery Mode) | 120V ($\pm 10\%$) |
| UPS Output Receptacles (Surge Suppression Only) | 5 UPS outlets, 5 surge-only outlets |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 110V; 115V; 120V |
| Output Receptacles | (10) 5-15R |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 3 min. (720W) |
| Runtime Half Load (min.) | 12 min. (360W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | 7 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | Qty 2 RBC51 |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation during brownouts as low as 86V (60Hz operation) / 105V (50Hz operation) |
| Undervoltage Correction | Input voltages between 86 and 105 are boosted by 23% (60Hz operation only) |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | LCD screen offers detailed UPS status information, configuration options and error message reporting; STATUS INFORMATION input voltage, output voltage, input frequency, output frequency, load in VA, load in watts, battery charge level (4 bar graph), estimated runtime remaining (minutes) and UPS operating mode; CONFIGURATION OPTIONS Eco-mode off/on, alarm disable; ERROR MESSAGES Replace battery, overload and critical fault (see manual for complete listing) |
| Switches | ON / OFF / TEST Button offers power control and self-test operation; MUTE Button enables alarm-cancel and silent-mode operation; SELECT Button is used to toggle LCD condition displays |
| Alarm Cancel Operation | Temporary alarm cancel and silent-mode operation is available using front-panel MUTE button (see manual) |
| Audible Alarm | Audible alarm indicates low battery, fault, overload and replace battery condition warnings |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 316 |



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| UPS AC Suppression Response Time | Instantaneous |
| UPS Dataline Suppression | 1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Primary Form Factor | Tower |
| Cooling Method | Convection |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary UPS Depth (mm) | 410 |
| Primary UPS Height (mm) | 279 |
| Primary UPS Width (mm) | 99 |
| Shipping Dimensions (hwd / in.) | 14.53 x 7.48 x 19.49 |
| Shipping Dimensions (hwd / cm) | 36.91 x 19.00 x 49.50 |
| Shipping Weight (lbs.) | 26.94 |
| Shipping Weight (kg) | 12.22 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, in.) | 11 x 3.9 x 16.14 |
| UPS Power Module Weight (kg) | 10.18 |
| UPS Power Module Weight (lbs.) | 22.44 |
| Unit Weight (lbs.) | 22.4400 |
| Unit Weight (kg) | 10.18 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | 5° to 122°F (-15° to 50°C) |
| Relative Humidity | Up to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 56 |
| AC Mode Efficiency Rating (100% Load) | 98% |
| COMMUNICATIONS | |
| Network Monitoring Port Description | Supports detailed monitoring of UPS and site power conditions |
| PowerAlert Software | For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert |
| Communications Cable | USB cable included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |



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| Network Management Card Description | Network management not supported |
| Communications Interface | USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 6 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 86V during 60Hz operation (105V during 50Hz operation) |
| High Voltage Transfer to Battery Power (Setpoint) | 142V |
| FEATURES & SPECIFICATIONS | |
| Cold Start (Startup in Battery Mode During a Power Failure) | Yes |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS; Power saving auto-shutoff ECO outlets |
| APPLICATIONS | |
| UPS Applications | Home/Office Desktop; Audio/Video; High-End Desktop/Small Network; Retail/Point of Sale; Hospitality |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); NOM (Mexico); UL 1778 |
| Product Compliance | RoHS; ENERGY STAR Qualified; FCC Part 15 Class B (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (U.S. & Canada) | 3-year limited warranty |
| Product Warranty Period (Latin America) | 3-year limited warranty |
| Product Warranty Period (International) | 2-year limited warranty |
| Product Warranty Period (Mexico) | 3-year limited warranty |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$250,000 Ultimate Lifetime Insurance |

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