

OmniSmart LCD 120V 650VA 350W Line-Interactive UPS, Tower, LCD display, USB port

MODEL NUMBER: OMNI650LCD



Highlights

- 650VA tower 120V line interactive UPS with LCD display
- Corrects brownouts as low as 89V without using battery power
- LCD screen reports input voltage, battery charge and UPS status
- USB port, Surge-only outlets, 97% efficiency
- NEMA 5-15P input plug and 8 NEMA 5-15R outlets

Package Includes

- OMNI650LCD UPS System
- Instruction manual

Description

OMNI650LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs for up to 40 min. or individual VCR/DVR components for as long as two hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89V back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes four battery-supported/surge-protected outlets, plus four additional surge-suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert® software available via free download. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and macOS. Built-in audible alarm and large LCD front-panel voltage display indicates line power status, battery power status, battery low/replace status and voltage boost operation. The LCD display includes a dimmer switch and can be rotated for easy viewing in any application. 650VA/350W power handling ability supports entry-level PCs, home entertainment systems, network workstations and audio/video components. Offers 3.2 minutes battery runtime with a full load of 650VA/350W and 12 minutes with a half load of 325VA/175W. Supports user battery replacement via built-in access panel.

Features

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. LCD Display includes a dimmer switch and is rotatable for easy viewing with UPS in either vertical or horizontal position.
- OMNI650LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs up to 40 min. or single VCR/DVR components for up to 2 hours during blackouts
- Regulates brownouts as low as 89V back to usable levels without consuming battery power
- 4 UPS battery-supported/surge-protected outlets plus 4 additional surge suppression-only outlets
- USB port enables data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and macOS
- 650VA/350W power handling ability supports a variety of sensitive computer, home theater and other equipment



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- 3.2 min. full load runtime (650VA/350W), 12 min. half-load runtime (325VA/175W)
- Cabinet adapts to tower format or rack-mount shelf format. rack-mount (2U) format requires an optional shelf, available separately
- Supports battery replacement via built-in access panel
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- \$200,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)

Specifications

| OVERVIEW | |
|---|-------------------------------------|
| UPC Code | 037332126139 |
| 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; Right-Angled |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Recommended Electrical Service | 15A 120V |
| OUTPUT | |
| Output Capacity (VA) | 650 |
| Output Capacity (kVA) | 0.65 |
| Output Capacity (Watts) | 350 |
| Output Capacity (kW) | 0.35 |
| Nominal Voltage Details | 115v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| UPS Output Receptacles (Surge Suppression Only) | 4 UPS outlets, 4 surge-only outlets |
| Hot-Swap PDU options | PDUB15 (2U / 8 5-15R 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 | (8) 5-15R |



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| | |
|---|--|
| Individually Controllable Load Banks | No |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 3.2 min. (350W) |
| Runtime Half Load (min.) | 12 min. (175W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 12 |
| Battery Recharge Rate (Included Batteries) | Less than 20 hours from 10 to 90% |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge | RBC51 |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89 |
| Undervoltage Correction | Input voltages between 89 and 104 are boosted by 14% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | Backlighting LCD screen indicates input voltage, 5-bar battery charge level, overload, AVR, on battery and replace battery status; LCD screen rotates for rack/tower viewing |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation; dimmer switch controls LCD brightness |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Audible Alarm | Audible alarm indicates power-failure and low-battery status; alarm can be disabled using PowerAlert software |
| LED Indicators | Front panel LCD display |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 480 |
| UPS AC Suppression Response Time | Instantaneous |
| PHYSICAL | |
| Primary Form Factor | Tower |
| Cooling Method | Convection |
| Installation Form Factors Supported with Included Accessories | Tower; Ultra-compact desktop |
| Primary UPS Depth (mm) | 183 |
| Primary UPS Height (mm) | 305 |
| Primary UPS Width (mm) | 94 |



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| | |
|--|---|
| Shipping Dimensions (hwd / in.) | 4.70 x 15.50 x 10.40 |
| Shipping Dimensions (hwd / cm) | 11.94 x 39.37 x 26.42 |
| Shipping Weight (lbs.) | 13.57 |
| Shipping Weight (kg) | 6.16 |
| UPS Housing Material | ABS |
| UPS Power Module Dimensions (hwd, cm) | 30.48 x 9.40 x 18.29 |
| UPS Power Module Dimensions (hwd, in.) | 12 x 3.7 x 7.2 |
| UPS Power Module Weight (kg) | 7.03 |
| UPS Power Module Weight (lbs.) | 15.5 |
| Unit Dimensions (hwd / in.) | 4.700 x 3.660 x 7.240 |
| Unit Weight (lbs.) | 13.575 |
| Unit Weight (kg) | 6.16 |
| 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 | 0 to 95%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 31 |
| AC Mode Efficiency Rating (100% Load) | 97% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 442 |
| COMMUNICATIONS | |
| 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 | User supplies USB cable |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network UPS Tools (NUT) Compatibility | NUT compatible. See a full list of NUT compatible Tripp Lite UPS systems at https://networkupstools.org/stable-hcl.html?manufacturer=Tripp%20Lite |
| Network Management Card Description | Network management not supported |
| Communications Interface | USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 89 |
| High Voltage Transfer to Battery Power (Setpoint) | 139 |



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| FEATURES & SPECIFICATIONS | |
|---|--|
| Cold Start (Startup in Battery Mode During a Power Failure) | Cold-start operation supported |
| High Availability UPS Features | Automatic Voltage Regulation (AVR); Hot swappable batteries; Surge/noise protection |
| Green Energy-Saving Features | Greater than 95% efficiency - GREEN UPS |
| APPLICATIONS | |
| UPS Applications | Home/Office Desktop; Audio/Video; Retail/Point of Sale; Hospitality |
| STANDARDS & COMPLIANCE | |
| Product Certifications | CSA (Canada); NOM (Mexico); UL 1778 |
| Product Compliance | RoHS; FCC Part 15 Class B (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |
| 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) | \$200,000 Ultimate Lifetime Insurance |

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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