

SmartPro 230V 1.5kVA 900W Line-Interactive UPS, Tower, LCD, USB, 8 Outlets

MODEL NUMBER: **SMX1500LCDT**



Highlights

- Corrects under- and overvoltages from 170V to 280V
- 8 C13 outlets—2 surge-only
- Interactive LCD monitoring screen
- Monitoring of power conditions via PowerAlert software
- 10 min. runtime at half load

Package Includes

- SMX1500LCDT SmartPro 230V 1.5kVA 900W Line-Interactive UPS
- USB cable
- C13-to-C14 power cable
- Owner's manual

Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, surges and line noise. Ideal for home/office workstations, media centers and home entertainment systems.

Description

The SMX1500LCDT SmartPro® 230V 1.5kVA 900W Line-Interactive UPS provides battery backup and AC power protection against blackouts, brownouts, power surges and line noise that can damage electronics or destroy data. Ideal for backing up home/office workstations, media centers and home entertainment systems, the SMX1500LCDT switches to battery mode in milliseconds to keep your connected equipment running long enough to save files and shut down safely with no data loss. Featuring eight IEC-320-C13 outlets and a C14 inlet that accepts a user-supplied AC power cord, the SMX1500LCDT has an internal battery that provides 10 minutes of support at half load. It can also power an entry-level PC up to 90 minutes. Two of the eight outlets provide surge protection only for printers and other non-essential devices. A front-panel LCD screen lets you configure settings and monitor operating data, such as voltage, battery and load statuses. Automatic voltage regulation (AVR) maintains 230V nominal output over an input range of 170V to 280V without using battery power. EMI/RFI noise filtering improves your equipment's performance and prevents damage. A 455-joule surge suppression rating protects your equipment from harmful power surges. With free downloadable PowerAlert® software, SMX1500LCDT enables safe unattended system shutdown in case of a prolonged power failure.

Features

Protects Mission-Critical Equipment Provides fully regulated AC output for home/office workstations, media centers and home entertainment systems Audible alarm signals loss of utility power or low battery 8 C13 outlets—2 surge-only C14 inlet accepts user-supplied AC power cord with country-specific plug 455-joule surge suppression rating

Reliable Battery Backup Supports half load up to 10 min. Powers entry-level PC up to 90 min. Internal batteries designed for hot-swap field replacement 95% line-power efficiency rating saves money in energy costs Cold-start capability enables turn-on in battery mode during blackouts

Automatic Voltage Regulation (AVR) Maintains 230V nominal output over input range of 170V–280V without using battery power

EMI/RFI Line Noise Filtering Removes electromagnetic and radio frequency interference that can disrupt or damage equipment's performance

Interactive LCD Screen Front-panel LCD signals voltage, battery and load statuses Supports multiple



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advanced user setup and operating preferences

Communications Port USB port enables data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

RJ45 Telephone/Ethernet Protection Jacks Protect phone/DSL/fax/modem/Ethernet network against power surges

Specifications

| OVERVIEW | |
|---|-------------------------------------|
| UPC Code | 037332177445 |
| UPS Type | Line-Interactive |
| INPUT | |
| Input Phase | Single-Phase |
| Rated input current (Maximum Load) | 9A |
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | C14 inlet |
| Input Circuit Breakers | 10A fuse |
| UPS Input Cord Length (ft.) | 6 |
| UPS Input Cord Length (m) | 1.8 |
| Input Frequency | ±3Hz |
| OUTPUT | |
| Output Capacity (VA) | 1500 |
| Output Capacity (kVA) | 1.5 |
| Output Capacity (Watts) | 900 |
| Output Capacity (kW) | 0.9 |
| Output Capacity Details | 6.5 A @ 230 V~ |
| Power Factor | 0.6 |
| Nominal Voltage Details | 230V nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | 230V~ (+7% / - 12.8%) |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| UPS Output Receptacles (Surge Suppression Only) | 6 UPS outlets, 2 surge-only outlets |
| Hot-Swap PDU options | PDUBHV10 (2U / 8 C13 outlets) |



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| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Output Receptacles | (8) C13 |
| Individually Controllable Load Banks | No |
| BATTERY | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 1.96 min. (900W) |
| Runtime Half Load (min.) | 9.96 min. (450W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 24 |
| Battery Recharge Rate (Included Batteries) | 10.1 hours from 10% to 90% |
| Internal UPS Replacement Battery Cartridge | RBC51 (requires 2) |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with a correction range from 170V to 280V |
| Overvoltage Correction | Input voltages between 247 and 280 are reduced by 15% |
| Undervoltage Correction | Input voltages between 170 and 207 are boosted by 18% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Front Panel LCD Display | LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Output load in watts, Battery voltage and Estimated runtime in minutes |
| Switches | Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test |
| Alarm Cancel Operation | Power-fail alarm can be silenced using alarm-cancel switch |
| Audible Alarm | Audible alarm indicates power-failure and low-battery conditions |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 455 |
| 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 | Fan |



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| Installation Form Factors Supported with Included Accessories | Tower |
| Primary UPS Depth (mm) | 394 |
| Primary UPS Height (mm) | 203 |
| Primary UPS Width (mm) | 146 |
| Shipping Dimensions (hwd / in.) | 11.30 x 9.10 x 19.30 |
| Shipping Dimensions (hwd / cm) | 28.70 x 23.11 x 49.02 |
| Shipping Weight (lbs.) | 27.20 |
| Shipping Weight (kg) | 12.34 |
| UPS Power Module Dimensions (hwd, cm) | 20.32 x 14.60 x 39.37 |
| UPS Power Module Dimensions (hwd, in.) | 8 x 5.75 x 15.5 |
| UPS Power Module Weight (kg) | 11.20 |
| UPS Power Module Weight (lbs.) | 24.7 |
| Unit Weight (lbs.) | 24.7000 |
| Unit Weight (kg) | 11.20 |
| 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) | 79 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 918 |
| 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 cabling included |
| WatchDog Compatibility | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| Network Management Card Description | Network management not supported |
| Communications Interface | USB (HID enabled) |
| LINE / BATTERY TRANSFER | |
| Transfer Time | 6 milliseconds |



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| Low Voltage Transfer to Battery Power (Setpoint) | 170V (factory setting), 175V (medium setting), 180V (narrow setting) |
| High Voltage Transfer to Battery Power (Setpoint) | 280V (factory setting), 275V (medium setting), 270V (narrow setting) |
| 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 |
| STANDARDS & COMPLIANCE | |
| Product Certifications | GOST (Russia); EN 62040-1; EN 62040-2 |
| Product Compliance | RoHS; SASO (Saudi Arabia); CE (Europe) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (International) | 2-year limited warranty |

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