# SmartPro 120V 1.5kVA 980W Line-Interactive UPS, Tower, USB, DB9, 6 Outlets

MODEL NUMBER: **SMART1500**







Protects connected mission-critical equipment against damage, downtime and data loss due to blackouts, brownouts, power surges and line noise. Ideal solution for point-of-sale applications, VoIP systems and small business networks.

## Highlights

- Corrects under- and overvoltages from 75V to 147V
- 6 NEMA 5-15R outlets—1 switchable via network interface
- Front-panel LEDs indicate load, power and battery statuses
- Monitoring of power conditions via PowerAlert®
- 20 min. runtime at half load; 7 min. at full load

## Package Includes

- SMART1500 SmartPro 120V 1.5kVA 980W Line-Interactive UPS
- USB cable
- DB9 cable
- Owner’s manual

## Description

The SMART1500 SmartPro® 120V 1.5kVA 980W 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 point-of-sale applications, VoIP systems and small business networks, the SMART1500 switches to battery mode in milliseconds to keep your connected equipment running long enough to shut down safely with no data loss.

Featuring six NEMA 5-15R outlets (one switchable) and a six-foot power cord with 120V NEMA 5-15P input, the SMART1500 has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Front-panel LEDs indicate line power, battery power, overload, voltage regulation and battery status. An alarm sounds to indicate power failure, overload or a low battery.

Automatic voltage regulation (AVR) maintains 120V nominal output over an input range of 75V to 147V without using battery power. EMI/RFI noise filtering improves your equipment’s performance and prevents damage. A 480-joule surge suppression rating protects your equipment from harmful power surges. With PowerAlert® software (available via free download), the SMART1500 enables safe unattended system shutdown and file saves in case of a prolonged power failure.

## Features

**Protects Mission-Critical Equipment**

- Provides fully regulated AC output for point-of-sale applications, VoIP systems and small business networks
- Audible alarm signals loss of utility power, overload or low battery
- 6 NEMA 5-15R outlets
- 6 ft. power cord with 120V NEMA 5-15P input
- 480-joule surge suppression rating

**Reliable Battery Backup**

- Supports half load up to 20 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement
- 96% line-power efficiency rating saves money in energy costs
- Cold-start capability enables turn-on in battery mode during blackouts

**Load Bank with Switchable Outlet**
- Can control one outlet remotely to reboot equipment or shed nonessential loads

**Automatic Voltage Regulation (AVR)**
- Maintains 120V nominal output over input range of 75V–147V without using battery power

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

**LED Indicators**
- Front-panel LEDs indicate line power, battery power, overload, voltage regulation and battery status

**Communications Ports**
- USB & Serial ports enable data-saving unattended shutdown when used with PowerAlert software, available via FREE download from tripplite.eaton.com/products/power-alert

**Small-Footprint Tower Housing**
- Mounts on wall with optional UPSWM accessory

# Specifications

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| **OVERVIEW** | |
| UPC Code | 037332115812 |
| 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.) | 7 |
| UPS Input Cord Length (m) | 2.1 |
| Recommended Electrical Service | 15A 120V |
| Maximum Input Amps | 12 |
| **OUTPUT** | |
| Output Capacity (VA) | 1500 |
| Output Capacity (kVA) | 1.5 |

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| Output Capacity (Watts) | 980 |
| Output Capacity (kW) | 0.98 |
| Nominal Voltage Details | 120v nominal output in battery mode |
| Frequency Compatibility | 60 Hz |
| Output Voltage Regulation (Line Mode) | -18%, +8% |
| Output Voltage Regulation (Battery Mode) | +/- 5% |
| Load Management Receptacles | One switchable single-outlet 5-15R load bank |
| 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 | (6) 5-15R |
| Individually Controllable Load Banks | Yes |
| **BATTERY** | |
| Battery Type | Valve Regulated Lead Acid (VRLA) |
| Runtime Full Load (min.) | 7 min. (980W) |
| Runtime Half Load (min.) | 20 min. (490W) |
| Expandable Runtime | No |
| DC System Voltage (VDC) | 36 |
| Battery Recharge Rate (Included Batteries) | Less than 4 hours from 10% to 90% (typical, full load discharge) |
| Battery Access | Battery access door |
| Internal UPS Replacement Battery Cartridge |  <a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-36VDC-Battery-Cartridge-for-select-Tripp-Lite-SLT-UPS~RBC36-SLT">RBC36-SLT</a>  |
| Battery Replacement Description | Hot-swappable, user replaceable batteries |
| **VOLTAGE REGULATION** | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147 |
| Overvoltage Correction | Input voltages between 128 and 147 are reduced by 12% |
| Undervoltage Correction | Input voltages between 93 and 107 are boosted by 14% |
| Severe Undervoltage Correction | Input voltages between 75 and 92 are boosted by 30% |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Switches | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| 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, overload and low-battery conditions |

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| LED Indicators | 5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status |
| **SURGE / NOISE SUPPRESSION** | |
| EMI / RFI AC Noise Suppression | Yes |
| AC Suppression Joule Rating | 510 |
| AC Suppression Response Time | Instantaneous |
| **PHYSICAL** | |
| Primary Form Factor | Tower |
| Cooling Method | Fan |
| Installation Form Factors Supported with Included Accessories | Tower |
| Installation Form Factors Supported with Optional Accessories | Wallmount ( <a class="productLink" href="//tripplite.eaton.com/Wall-Mount-Bracket-Installation-Accessories-for-UPS-Systems~UPSWM">UPSWM</a>  - tower mounting kit) |
| Primary UPS Depth (mm) | 235 |
| Primary UPS Height (mm) | 324 |
| Primary UPS Width (mm) | 191 |
| Shipping Dimensions (hwd / in.) | 17.10 x 11.10 x 13.00 |
| Shipping Dimensions (hwd / cm) | 43.43 x 28.19 x 33.02 |
| Shipping Weight (lbs.) | 40.50 |
| Shipping Weight (kg) | 18.37 |
| UPS Housing Material | PVC |
| UPS Power Module Dimensions (hwd, cm) | 32.38 x 19.05 x 23.50 |
| UPS Power Module Dimensions (hwd, in.) | 12.75 x 7.5 x 9.25 |
| UPS Power Module Weight (kg) | 17.69 |
| UPS Power Module Weight (lbs.) | 39 |
| Unit Weight (lbs.) | 39.0000 |
| Unit Weight (kg) | 17.69 |
| **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 | 0-95% non-condensing |
| AC Mode BTU / Hr. (Full Load) | 139 |
| AC Mode Efficiency Rating (100% Load) | 96% |
| Battery Mode Heat Dissipation (BTU/Hr) @ Full Load | 456 |

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| **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 and DB9 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; DB9 Serial |
| **LINE / BATTERY TRANSFER** | |
| Transfer Time | 2-4 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 75 |
| High Voltage Transfer to Battery Power (Setpoint) | 147 |
| **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; Individually controllable load banks |
| **APPLICATIONS** | |
| UPS Applications | Large Network; High-End Desktop/Small Network |
| **STANDARDS & COMPLIANCE** | |
| Product Certifications | CSA (Canada); NOM (Mexico); UL 1778 |
| Product Compliance | RoHS; FCC Part 15 Class A (USA) |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | 2-year warranty, 3 year with registration. Note: <a class="insuranceLink" href="//tripplite.eaton.com/support/product-warranty-registration">Registration is required</a> for 3-year warranty. |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | $250,000 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>  |

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