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

MODEL NUMBER: **SMART1500XL**





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
- Expandable runtime with optional external battery packs
- 20 min. runtime at half load; 7 min. at full load

Package Includes

- SMART1500XL SmartPro 120V 1.5kVA 980W Line-Interactive UPS
- USB cable
- DB9 cable
- Owner’s manual

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

Description

The SMART1500XL 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 VoIP systems, point-of-sale applications and network closets, the SMART1500XL 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 six NEMA 5-15R outlets (one switchable) and a six-foot power cord with 120V NEMA 5-15P input, the SMART1500XL has an internal battery that provides 20 minutes of support at half load and seven minutes at full load. Adding external battery packs, such as Tripp Lite’s BP36V15-2U (sold separately), provides extended runtime. 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 Tripp Lite’s PowerAlert® software (available via free download), SMART1500XL 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 VoIP systems, point-of-sale applications and network closets
- 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 with Expandable Runtime
- Supports half load up to 20 min. and full load up to 7 min.
- Internal batteries designed for hot-swap field replacement
- 95% line-power efficiency rating saves money in energy costs
- Expandable runtime with optional external battery packs, such as Tripp Lite's BP36V15-2U

Load Bank with Switchable Outlet
- Can control 1 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 signal indicate line power, battery power, overload, voltage regulation and battery status

Communications Ports
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's 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

OVERVIEW	
UPC Code	037332100689
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)	1500
Output Capacity (kVA)	1.5
Output Capacity (Watts)	980
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	Yes
External Battery Pack Compatibility	BP36V15-2U (limit 1); BP36V42-3U (multi-pack compatible); BP36V27-2US (multi-pack compatible)
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	RBC53
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
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower
Cooling Method	Fan
Installation Form Factors Supported with Included Accessories	Tower
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary UPS Depth (mm)	241
Primary UPS Height (mm)	325
Primary UPS Width (mm)	191
Shipping Dimensions (hwd / in.)	17.00 x 11.00 x 13.12
Shipping Dimensions (hwd / cm)	43.18 x 27.94 x 33.32
Shipping Weight (lbs.)	43.40
Shipping Weight (kg)	19.69
UPS Housing Material	PVC
UPS Power Module Dimensions (hwd, cm)	32.51 x 19.05 x 24.13
UPS Power Module Dimensions (hwd, in.)	12.8 x 7.5 x 9.5
UPS Power Module Weight (kg)	18.87
UPS Power Module Weight (lbs.)	41.6
ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius

Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	176
AC Mode Efficiency Rating (100% Load)	95%
Battery Mode Heat Dissipation (BTU/Hr) @ Full Load	456
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; Expandable battery backup; 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
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: Registration is required for 3-year warranty.
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

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