

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

MODEL NUMBER: **SMART1500**



### 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 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 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 Tripp Lite's 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

### 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



- 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 Tripp Lite's PowerAlert software, available via FREE download from [www.tripplite.com/poweralert](http://www.tripplite.com/poweralert)

#### Small-Footprint Tower Housing

- Mounts on wall with optional [UPSWM](#) accessory

## Specifications

MODEL TEXT	
Key Benefit	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.
OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA Capacity (kVA)	1.5
Output Watt Capacity (Watts)	980



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Nominal Output Voltage(s) Supported	110V; 115V; 120V
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%
Output Receptacles	(6) 5-15R
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
<b>INPUT</b>	
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
Input Phase	Single-Phase
<b>BATTERY</b>	
Full Load Runtime (min.)	7 min. (980w)
Half Load Runtime (min.)	20 min. (490w)
DC System Voltage (VDC)	36
Battery Recharge Rate (Included Batteries)	Less than 4 hours from 10% to 90% (typical, full load discharge)
Internal UPS Replacement Battery Cartridge	<u>RBC36-SLT</u>
Battery Access	Battery access door
Battery Replacement Description	Hot-swappable, user replaceable batteries
Expandable Runtime	No
<b>VOLTAGE REGULATION</b>	
Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147



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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%
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
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
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Installation Form Factors Supported with Optional Accessories	Wallmount ( <u>UPSWM</u> - tower mounting kit)
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	12.8 x 7.5 x 9
UPS Power Module Dimensions (hwd, cm)	32.51 x 19.05 x 22.86
UPS Power Module Weight (lbs.)	38.4
UPS Power Module Weight (kg)	17.42
UPS Shipping Dimensions (hwd / in.)	18.2 x 12 x 13.8
UPS Shipping Dimensions (hwd / cm)	46.23 x 30.48 x 35.05
Shipping Weight (lbs.)	42.6
Shipping Weight (kg)	19.3
Cooling Method	Fan
UPS Housing Material	PVC
Primary UPS Height (mm)	325
Primary UPS Width (mm)	190
Primary UPS Depth (mm)	229
Shipping Height (mm)	462



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Shipping Width (mm)	305
Shipping Depth (mm)	351
<b>ENVIRONMENTAL</b>	
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)	139
Battery Mode BTU / Hr. (Full Load)	456
AC Mode Efficiency Rating (100% Load)	96%
<b>COMMUNICATIONS</b>	
Communications Interface	USB; DB9 Serial
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 Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</a>
Communications Cable	USB and DB9 cabling included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147
<b>SPECIAL FEATURES</b>	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS; Individually controllable load banks
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year warranty, 3 year with registration. Note: <u>Registration is required</u> for 3-year warranty.



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Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <u>Ultimate Lifetime Insurance</u>
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