

SMARTPRO UPS Systems

Model: SMART1500



Order Now!

Tech Data Part Number:

808002



Description

Tripp Lite's SMART1500 intelligent, line interactive UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures. 1500VA / 980 watt power handling capability supports a variety of networking, telecom and various other application types, including the support of multiple network workstations. Includes a total of 6 outlets, 1 of which can be individually powered on and off via software interface to selectively reboot remote equipment or to automatically shed less significant loads to extend battery runtime for more critical equipment. Supports remote monitoring of UPS and site power conditions via built-in USB and DB9 communication ports. Includes PowerAlert UPS monitoring and unattended shutdown software with complete cabling. Supports SNMP with optional SNMPWEBSOLO external adapter. Built-in audible alarm and 5 front panel LEDs indicate status of line power, battery power, battery low/replace, voltage regulation and load level. Wall mountable with UPSWM wallmount bracket. Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, small-footprint tower housing uses less than 66 square inches of floor or desktop space. Two year warranty with \$50,000 connected equipment insurance.

Key Buying Points

- 1500VA / 980 watt power handling capability supports a variety of networking, telecom and various other application types
- Built-in voltage regulation and battery support, plus complete AC and dialup/DSL modem line surge suppression prevents equipment damage, data loss and downtime
- Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets, 1 of which can be individually powered on and off via software interface to selectively reboot remote equipment or automatically shed less significant loads to extend battery runtime for more critical equipment
- Includes 1 USB and 1 DB9 communication port for remote monitoring of UPS status and site power conditions
- Communication ports enable safe unattended shutdown without data loss during extended power failures
- Communication ports support messaging UPS and line power status, including on-battery, low-battery, power-restored, AC line voltage, DC battery voltage and battery capacity
- Communications ports support timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Supports SNMP in large network applications with optional SNMPWEBSOLO external adapter
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint beige tower housing uses less than 66 square inches
- Hot-swappable / user replaceable batteries allow on-site battery replacement
- Cold start capability enables UPS turn-on in battery mode during blackout conditions
- UL (USA), cUL (Canada), NOM (Mexico), FCC Class A (Business) Listed
- \$50,000 Ultimate Lifetime Insurance.
- 2 year manufacturers product warranty

Typical Applications

Ideal for the protection of file servers, network accessories and telecommunications equipment. Common applications include any mix of servers, workstations, hubs, routers, concentrators, IP telephony and traditional PBX switching systems. Ideal for sensitive electronic applications in areas where brownouts and overvoltages are common.

Package Includes

- SMART1500 UPS System
- USB and DB9 monitoring cables
- PowerAlert unattended shutdown and UPS/Power monitoring software
- Instruction manual with warranty information

SMART1500 Specifications

Product Number: Smart1500 Tech Data Part Number: 808002	
Nominal voltage/ frequency	120 VAC/60 Hz
Volt amp capacity	1500VA
Watt capacity	980 watts
Output voltage(s)	120V
Output voltage regulation	LINE MODE: Sine wave output within 9% of 120VAC BATTERY MODE: PWM sine wave output within 5% of 120VAC
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
UPS supported outlet quantity / type	Includes 6 NEMA 5-15R output receptacles
Customized load management receptacles	Includes one individually controllable outlet to remotely reboot locked network items or to extend battery runtime by shutting off non-essential items during battery operation. Configurable via PowerAlert software.
Overload protection	Resettable circuit breaker
Maximum input amps / watts	12 amps / 1070 watts @ 120VAC
Input connection type	NEMA5-15P input plug
Input cord length, guage	6 foot, 14 guage
Recommended electrical service	Requires 15 amp electrical service with NEMA5-15R receptacle.
Full load runtime	7 minutes (1500VA)
3/4 load runtime	14 minutes (1125VA)
Half load runtime	20 minutes (750VA)
1/4 load runtime	43 minutes (375VA)
DC system voltage	36 volts DC
Typical battery lifespan	4-6 years
Battery recharge rate	2-4 hours to 90%
Included battery set	Includes 3 built-in 12 volt, 9 amp hour batteries
Overvoltage correction	Input voltages between 128 and 147VAC are reduced by 12%
Direct pass through	Input voltages between 105 and 127VAC are passed through unchanged
Brownout correction	Input voltages between 95 and 104VAC are boosted by 12%
Severe brownout correction	Input voltages between 79 and 94VAC are boosted by 24%
Front panel LEDs	Yes, includes 5 front-panel indicator LEDs to show up to 17 conditions
Alarms	3 function audible alarm indicates power failure conditions and low battery
Switches	Yes, includes 2 push-button switches for system enable, self-test and alarm cancel functions
AC suppression joule / amp ratings	Conforms to IEEE 587 / ANSI C62.41 specifications
AC suppression response time	Instantaneous
EMI / RFI noise suppression	Yes
Dimensions (HWD/in.)	12.75 x 7.5 x 9 (hwd/in.)
Material of construction	Heavy guage plastic housing
Form factors supported	Upright tower for floor or tabletop installation
Cooling method	Built-in rear exit cooling fan
Battery access	Battery access door allows hot swap battery replacement
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
BTU Emissions	172 BTU/hr.
Software and cabling included	Includes PowerAlert UPS monitoring software, 2 cables, 1-USB to USB & 1-DB9 to DB9
SNMP compatibility	Yes via external SNMP adapter accessory #SNMPWEBSOLO
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	79V (resets to line power as voltage increases to 83V)
High voltage transfer to battery power	147V (resets to line power as voltage decreases to 144V)
UL (United States)	Yes
cUL (Canada)	Yes
CE (European Community)	No
FCC (Emissions)	Class A
NOM (Mexico)	Yes
Product warranty	2 year product warranty
Connected equipment insurance	Up to \$50,000 (USA & Canada only)
Optional coverage	3 year, 5 year, next day and on-site warranty coverage available in many areas

"The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice."