Model #: SMART550USBWD

Smart USB 550VA Tower Line-Interactive 120V UPS with USB port and Watchdog service monitoring software

Highlights

- 550VA line interactive tower UPS with Bundled Watchdog software
- Maintains 120V nominal output during brownout conditions
- Workstation optimized features include USB port, single line TEL / DSL line surge suppression and three surge-only outlets
- Input: NEMA 5-15P (120V 15A) / Output: 6 NEMA 5-15R (120V)
- 3 year product warranty / $200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's SMART550USBWD provides unattended systems (including kiosks, web/email servers, security system computers and more) with a single-purchase solution for 100% availability, including a UPS System and WatchDog Service Monitoring/Reboot Software. In addition to completely bulletproofing equipment against two common causes of downtime (blackouts and computer service lockup) SMART550USBWD models save money by providing two availability products for less than the price of a single solution.

The line-interactive UPS System offers voltage regulation, surge suppression and long lasting battery support. Internal UPS circuits support systems for up to 30 minutes during power failures. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to normal 120V levels without using battery power. Offers complete power protection in an attractive black tower configuration. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port works with PowerAlert Software (included) to enable optional unattended system shutdown without data loss in the case of an extended power failure, USB cable included. Built-in single line RJ11 phone suppression jacks protect modem or other peripheral with a standard dialup/DSL phone connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and voltage boost operation. 550VA/300 watt power handling ability. Offers 4 minutes battery runtime with a full load of 550VA/300 watts and 15 minutes with a half load of 275VA/150 watts. Supports battery replacement via built-in access panel. 3 year warranty. $200,000 connected equipment insurance (USA & Canada Only).

WatchDog Software (included) automatically reboots locked-up or poorly performing system service applications. Set CPU- and memory-usage thresholds and monitor service performance in one application. Together with the UPS System, WatchDog Software eliminates the #1 reason for costly service calls—the need to reboot locked systems.* WatchDog Software runs directly on your computer, eliminating the need for a separate hardware device. If the system fails to reboot, WatchDog Software automatically directs PowerAlert Software to reboot the computer and connected equipment by powering down and restarting the UPS System. WatchDog Software supports Windows® NT, 2000 and XP systems.

Server Technology study

Package Includes

- SMART550USBWD UPS System
- USB and telephone interconnection cables
- Tripp Lite WatchDog and PowerAlert Software on CD-ROM

- Instruction manual with warranty information

Features

- SMART550USBWD line interactive UPS system offers voltage regulation and battery support in addition to complete AC and dialup/DSL modem line surge suppression
- Includes Tripp Lite's WatchDog Service Monitoring/Reboot Software as well as PowerAlert, Tripp Lite's Network Power Management Software
- WatchDog Software automatically reboots locked-up or poorly performing system service applications
- Supports CPUs for up to 30 minutes during power failures
- Supports a max load of 550VA/300 watts for 4 minutes and a half load of 275VA/150 watts for 15 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 89 volts without using battery power
- 550VA/300 watt power handling ability
- Includes 3 battery supported outlets, plus 3 additional surge suppression-only outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables unattended shutdown without data loss during extended power failures. Includes USB cable
- Attractive black tower configuration
- Built-in RJ-style phone suppression jacks protect modem or other peripheral with a dialup or DSL line phone connection
- Built-in audible alarm and 4 front panel LEDs indicate UPS system and line power status
- Supports battery replacement via built-in access panel
- Compatible with 120V/60Hz applications for USA, Canada, Mexico and more
- 3 year manufacturer's warranty
- $200,000 connected equipment insurance (USA & Canada Only)

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	550
Output Watt Capacity (watts)	300
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	6 5-15R outlet(s)
Surge suppression only outlets	3 UPS outlets, 3 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8

Recommended Electrical Service	15A 120V

BATTERY

Full load runtime (minutes)	4 min. (300w)
Half load runtime (minutes)	15 min. (150w)
DC system voltage (VDC)	12
Battery recharge rate (included batteries)	Less than 3.6 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC51
Battery Access	Battery access door
Battery replacement description	Hot-swappable, user replaceable batteries

VOLTAGE REGULATION

Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89
Undervoltage correction	Input voltages between 89 and 104V are boosted by 14%

LEDS ALARMS & SWITCHES

LED Indicators	4 LEDs indicate line power, battery power, overload and battery low/replace status
Alarms	Audible alarm indicates power-failure and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	480
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 1 out)
EMI / RFI AC noise suppression	Yes

PHYSICAL

Installation form factors supported with included accessories	Tower
Installation form factors supported with optional accessories	Wallmount (UPSWM - tower mounting kit)
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	8.5 x 5 x 6.5

UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	21.6 x 12.7 x 16.5
UPS / Power Module weight (lbs)	14.4
UPS / Power Module weight (kg)	6.5
UPS Shipping dimensions (height x width x depth / inches)	12 x 8.2 x 9.2
UPS Shipping dimensions (height x width x depth / cm)	30.5 x 21 x 23.5
Shipping weight (lbs)	16
Shipping weight (kg)	7.3
UPS housing material	PVC

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)	65.1
Battery mode BTU / hr. (full load)	358.4

COMMUNICATIONS

Communications interface	USB (HID enabled)
PowerAlert software	PowerAlert and Watchdog software included
Communications cable	USB interface cable included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications

LINE / BATTERY TRANSFER

Transfer time	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	89
High voltage transfer to battery power (setpoint)	139

SPECIAL FEATURES

Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries

CERTIFICATIONS

UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)

WARRANTY

Product Warranty Period (U.S., Canada & Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$200,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	-
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	-
Extended Warranties	WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	-
USB Hubs/Accessories	U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	-
Wallmount Bracket	UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at

www.tripplite.com/en/products/model.cfm?txtModelID=2591.