

## SmartPro 120V 550VA 300W Line-Interactive UPS, AVR, Watchdog Software, Tower, USB, Surge-only Outlets

MODEL NUMBER: **SMART550USBWD**



### Highlights

- 550VA tower 120V line interactive UPS with WatchDog software
- Corrects brownouts as low as 89V without using battery power
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL/ethernet protection
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

### Package Includes

- SMART550USBWD UPS System
- USB and telephone interconnection cables
- Tripp Lite WatchDog and PowerAlert Software on CD-ROM
- Instruction manual with warranty information

### 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 4.6 minutes battery runtime with a full load of 550VA/300 watts and 14.8 minutes with a half load of 275VA/150 watts. Supports battery replacement via built-in access panel. \$200,000 connected equipment insurance (USA and 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*

### 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
- \$200,000 connected equipment insurance (USA and 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%)
Output Receptacles	(6) 5-15R
UPS Output Receptacles (Surge Suppression Only)	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 (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
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	4 min. (300w)



Half Load Runtime (min.)	15 min. (150w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 3.6 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	RBC51
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 input voltage as low as 89
Undervoltage Correction	Input voltages between 89 and 104V are boosted by 14%
<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 and low-battery conditions
LED Indicators	4 LEDs indicate line power, battery power, overload and battery low/replace status
<b>SURGE / NOISE SUPPRESSION</b>	
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
<b>PHYSICAL</b>	
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 (hwd, in.)	8.5 x 5 x 6.5
UPS Power Module Dimensions (hwd, cm)	21.6 x 12.7 x 16.5
UPS Power Module Weight (lbs.)	14.4
UPS Power Module Weight (kg)	6.53



UPS Shipping Dimensions (hwd / in.)	12 x 8.2 x 9.2
UPS Shipping Dimensions (hwd / cm)	30.5 x 21 x 23.5
Shipping Weight (lbs.)	16
Shipping Weight (kg)	7.3
UPS Housing Material	PVC
Primary UPS Height (mm)	216
Primary UPS Width (mm)	127
Primary UPS Depth (mm)	165
Shipping Height (mm)	305
Shipping Width (mm)	208
Shipping Depth (mm)	234
<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)	65.1
Battery Mode BTU / Hr. (Full Load)	358.4
AC Mode Efficiency Rating (100% Load)	94%
<b>COMMUNICATIONS</b>	
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
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	89
High Voltage Transfer to Battery Power (Setpoint)	139
<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



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com

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)	3-year limited warranty
Product Warranty Period (Latin America)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$200,000 <a href="#">Ultimate Lifetime Insurance</a>

© 2017 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>