Model #: SMART550USB

Smart USB 550VA Tower Line-Interactive 120V UPS with USB port

Highlights

- 550VA tower 120V line interactive UPS
- 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

Description

Tripp Lite's SMART550USB line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 30 minutes during power failures so that connected equipment can be shutdown without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to usable levels without using battery power. Offers complete desktop power protection in an attractive stealth 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 enables optional unattended system shutdown without data loss in the case of extended power failure, USB cable included. PowerAlert software available via free download from www.tripplite.com. Built-in single line RJ11 phone suppression jacks protect modem, fax machine, cordless phone 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 overload status. 550VA/300 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. 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).

Package Includes

- SMART550USB UPS System
- USB and Telephone interconnection cables
- Instruction manual with warranty information

Features

- SMART550USB line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL modem line surge suppression
- Supports entry level PC systems for up to 30 minutes during power failures to enable a safe system shutdown
- 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
- Attractive stealth black tower configuration
- 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

- PowerAlert software available via free download from www.tripplite.com
- Built-in RJ11 phone suppression jacks protect modem, fax machine 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
- 550VA/300 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports battery replacement via built-in access panel
- Compatible with 120V/60Hz applications for USA, Canada, Mexico and more
- 3 year manufacturers 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 4.2 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 104 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	Free download from www.tripplite.com
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.
Extended Warranties	WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
Software	WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
Surge Protectors	DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
USB Hubs/Accessories	U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
Wallmount Bracket	UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1

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=2002.