

## Smart line interactive USB UPS System - NAFTA assembled version of SMART550USB

MODEL NUMBER: **SM550UNAFTA**



### Description

Tripp Lite's SM550UNAFTA 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](http://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. \$200,000 connected equipment insurance (USA and Canada Only).

### Features

- SM550UNAFTA 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

### Highlights

- 550VA line interactive tower UPS
- 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)
- \$200,000 Ultimate Lifetime Insurance (USA, Puerto Rico and Canada only)

### Package Includes

- SM550UNAFTA UPS System
- USB and Telephone interconnection cables
- Instruction manual with warranty information



- 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](http://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
- \$200,000 connected equipment insurance (USA and Canada Only)

## Specifications

| OVERVIEW  |                                     |
|---|-------------------------------------|
| UPC Code  | 037332137784                        |
| 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; Right-Angled                 |
| UPS Input Cord Length (ft.)                     | 6                                   |



|   |  |
|---|--|
| UPS Input Cord Length (m)                                     | 1.8  |
| Recommended Electrical Service                                | 15A 120V   |
| <b>BATTERY</b>  |  |
| 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                    | &nbsp;<a class="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-Best-Powerware-Liebert-other-UPS~RBC51">RBC51</a>&nbsp; |
| Battery Access  | Battery access door  |
| Battery Replacement Description                               | Hot-swappable, user replaceable batteries  |
| <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 104 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  |



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|   |   |
|---|---|
| UPS Power Module Dimensions (hwd, cm)                       | 21.59 x 12.70 x 16.51   |
| UPS Power Module Weight (lbs.)                              | 14.4  |
| UPS Power Module Weight (kg)                                | 6.53  |
| Shipping Dimensions (hwd / in.)                             | 12.000 x 8.250 x 10.000   |
| Shipping Dimensions (hwd / cm)                              | 30.48 x 20.96 x 25.40   |
| Shipping Weight (lbs.)                                      | 14.0000   |
| Shipping Weight (kg)  | 6.35  |
| UPS Housing Material  | PVC   |
| Primary UPS Height (mm)                                     | 216   |
| Primary UPS Width (mm)                                      | 127   |
| Primary UPS Depth (mm)                                      | 165   |
| <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   | Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>               |
| 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   |



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| <b>CERTIFICATIONS</b>                                      |   |
|--|---|
| UPS Certifications   | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Restriction of Hazardous Substances) |
| <b>WARRANTY</b>  |   |
| Product Warranty Period (Worldwide)                        | 2-year limited warranty   |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$200,000 <a class="insuranceLink" href="//www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>  |

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