

# 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. 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 surgeonly 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
- 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	
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	
OUTPUT		
Output Volt Amp Capacity (VA)	550	
Output Watt Capacity (Watts)	300	
Frequency Compatibility	60 Hz	
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)	
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	



Primary Form Factor

Primary UPS Depth (mm) Primary UPS Height (mm) Tower 165

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Nominal Output Voltage(s) Supported	115V; 120V	
Output Receptacles	(6) 5-15R	
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	<a class="productLink" href="//www.tripplite.com/UPS-Replacement-Battery-Cartridge-Tripp-Lite-APC-Belkin-Best-Powerware-Liebert-other-UPS~RBC51">RBC51</a>	
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%	
USER INTERFACE, ALERTS & CONTROLS		
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	
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 ( <a class="productLink" href="//www.tripplite.com/Wall-Mount-Bracket-Installation-Accessories-&lt;br&gt;for-UPS-Systems~UPSWM">UPSWM</a> - tower mounting kit)	



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

Pinany UPS Widn (mm)         127           Shipping Dimensions (hwd / in)         30.482.094 x 25.40           Shipping Dimensions (hwd / in)         12.00 x 825 x 10.00           Shipping Wight (hg)         6.35           Shipping Wight (hg)         6.35           Shipping Wight (hg)         70.00           UPS Housing Material         PVC           UPS Prover Module Dimension         8.56 x 5.6.5           UPS Prover Module Weight (hg)         6.53           UPS Prover Module Weight (hg)         6.54           VERONMENTAL         VERONMENTAL           UPS Prover Module Weight (hg)         6.54           Statis S filts of the	[		
Bipping Dimensions (hwd / in)         12.00 x 8.25 x 10.00           Shipping Weight (kg)         6.35           Shipping Weight (kg)         14.00           UPS Power Module Dimensions         21.59 x 12.70 x 16.51           UPS Power Module Dimensions         8.5 x 5 x 6.5           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         14.4           ENVIRONMENTAL         Operating Temperature Range           VS Power Module Weight (kg)         6.53           Storage Temperature Range         452 to +104 degrees Fahrenheit / 15 to +50 degrees Celsius           Storage Temperature Range         452 to +104 degrees Fahrenheit / 15 to +50 degrees Celsius           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         68.4           AC Mode BTU / Hr. (Full Load)         68.4           AC Mode ETU / Hr. (Full Load)         94%           Communications Cable         UBB Interface cable included           WatchDog Compatibility         Supports Watchdog application, OS and hard-ruboot restart options for remote applications           Communications Interface         USB (HD enabled)           Enter JETTERY TEAMSEE	Primary UPS Width (mm)	127	
Shipping Weight (kg)         6.35           Shipping Weight (bs.)         14.00           UPS Housing Material         PVC           UPS Power Module Dimensiona         21.59 x 12.70 x 16.51           UPS Power Module Dimensiona         8.5 x 5 x 6.5           UPS Power Module Weight (bg.)         6.53           UPS Power Module Weight (bg.)         14.4           ENVRONMENTAL         Vortex Module Weight (bg.)           Operating Temperature Range         +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius           Storage Temperature Range         +50 to +102 degrees Fahrenheit / 0 to +40 degrees Celsius           Relative Humidhy         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         65.1           Battery Mode BTU / Hr. (Full Load)         65.4           Communications Raing (100%)         94%           OverAll Software         Free download from www.tripplite.com           Communications Rable         USB Interface cable included           WatchDog Compatibility         Supports Watchdog application, OS and hard-reboot restart options for remote applications           Communications Interface         USB (HD enabled)           UPS / Power (Seponth)         139           Power (Seponth)         139	Shipping Dimensions (hwd / cm)	30.48 x 20.96 x 25.40	
Shipping Weight (bs.)         14.00           UPS Housing Material         PVC           UPS Power Module Dimensions (fwd, in)         21.59 x12.70 x 16.51           UPS Power Module Dimensions         8.5 x 5 x 6.5           UPS Power Module Weight (lb.)         6.53           UPS Power Module Weight (lb.)         14.4           ENVIRONMENTAL            Operating Temperature Range         4.22 to ±104 degrees Fahrenheit / 0 to ±40 degrees Celsius           Storage Temperature Range         4.52 to ±104 degrees Fahrenheit / 15 to ±50 degrees Celsius           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         65.1           Battery Mode Efficiency Rating (100%)         94%           Communications Cable         USB Interface cable included           WatchDog Compatibility         Superts Watchdog application, OS and hard-reboot restart options for remote applications           Communications Interface         USB Hierface cable included           Wu Voltage Transfer to Battery         99           Hur Voltage Transfer to Battery         139           Secolar Stransfer to Battery         139	Shipping Dimensions (hwd / in.)	12.00 x 8.25 x 10.00	
UPS Housing Material         PVC           UPS Power Module Dimensions (hwd, in.)         21.59 x 12.70 x 16.51           UPS Power Module Dimensions (hwd, in.)         8.5 x 5 x 6.5           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         14.4           ENVIRONMENTAL         0 porting Temperature Range         4.51 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius           Storage Temperature Range         4.51 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         68.4           AC Mode Efficiency Rating (100% Load)         94%           COMMUNICATIONS         94%           Power/Alert Software         Free download from www.tripplite.com           Communications Cable         USB interface cable included           WathDig Compatibility         USB interface cable included           Vandue Green Time         2.4 millseconds           UPK / BATTERY TRANSFER         198           Transfer Tob Battery         99           UN Voltage Transfer to Battery Power (Sepoint)         139           SPECAL FEATURES         Cold-start operation supported	Shipping Weight (kg)	6.35	
UPS Power Module Dimensions         21.59 x 12.70 x 16.51           UPS Power Module Dimensions         6.5 x 5 x 6.5           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (kg)         14.4           ENVIRONMENTAL         Power Module Weight (bs.)           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)         98.4           Battery Mode BTU / Hr. (Full Load)         98.4           AC Mode Efficiency Rating (100%)         94%.           Communications Cable         USB interface cable included           WathDog Compatbility         Supports Watchdog application, OS and hard-reboot restart options for remote applications           Communications Cable         USB (HiD enabled)           UPS (Kgippinf)         89           Power (Serpinf)         89           UPS (Kgippinf)         139           Sports Wotege Frailer to Battery         Yeid Start operation supported	Shipping Weight (lbs.)	14.00	
(hwd, cm)         21.93 x 12.70 x 15.51           UPS Power Module Dimensions         8.5 x 5 x 6.5           UPS Power Module Weight (kg)         6.53           UPS Power Module Weight (bb.)         14.4           ENVIRONMENTAL         Environmentation of the state of the s	UPS Housing Material	PVC	
(hvd, in.)         6.5 X 5 X 6.5           UPS Power Module Weight (kg)         6.5.3           UPS Power Module Weight (kg)         14.4           ENVIRONMENTAL         ENVIRONMENTAL           Operating Temperature Range         4.3 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius           Storage Temperature Range         4.5 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%)         94%           Communications Cable         US B interface cable included           WatchDog Compatibility         Supports Watchdog application, OS and hard-reboot restart options for remote applications           Communications Interface         USB (IID enabled)           Entry Modinge Transfer to Battery         99           Transfer Time         2.4 milliseconds           Liph Voltage Transfer to Battery         99           Spreach Transfer to Battery         139           Spreach Transfer to Battery         60d-start operation supported		21.59 x 12.70 x 16.51	
UPS Power Module Weight (bs.)         14.4           ENVIRONMENTAL         Power Module Weight (bs.)           Operating Temperature Range         +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius           Storage Temperature Range         +5 to +122 degrees Fahrenheit / 0 to +40 degrees Celsius           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         65.1           Battery Mode Efficiency Rating (100%         94%           COMMUNICATIONS         94%           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           Communications Interface         USB (HID enabled)           LINE / BATTERY TRANSFER         139           Transfer Time         2.4 milliseconds           High Voltage Transfer to Battery         89           Power (Setpoint)         139           SPECIAL FEATURES         Cold-start operation supported		8.5 x 5 x 6.5	
ENVIRONMENTAL         Provided           Operating Temperature Range         +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius           Storage Temperature Range         +5 to +122 degrees Fahrenheit / 0 to +40 degrees Celsius           Relative Humidity         0 to 95%, non-condensing           AC Mode BTU / Hr. (Full Load)         66.1           Battery Mode BTU / Hr. (Full Load)         358.4           AC Mode Efficiency Rating (100%)         94%           OwerAlert 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           Communications Interface         USB (HID enabled)           Like / BATTERY TRANSFER         139           Transfer Time         2-4 milliseconds           Upw voltage Transfer to Battery         139           SPECIAL FEATURES         Cold-start operation supported	UPS Power Module Weight (kg)	6.53	
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%)         94%           COMMUNICATIONS         94%           Power Alert 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           Communications Interface         USB (HID enabled)           LINE / BATTERY TRANSFER         2-4 milliseconds           Voldage Transfer to Battery         89           High Voltage Transfer to Battery         89           Sepecial Featuress         139           Sepecial Features         Cold-start operation supported	UPS Power Module Weight (lbs.)	14.4	
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%)     94%.       COMMUNICATIONS     94%.       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       Communications Interface     USB (HID enabled)       LINE / BATTERY TRANSFER     2-4 milliseconds       Low Voltage Transfer to Battery     99       High Voltage Transfer to Battery     139       SPECIAL FEATURES     Cold-start operation supported	ENVIRONMENTAL		
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%)     94%       COMMUNICATIONS     94%       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       Communications Interface     USB (HID enabled)       LINE / BATTERY TRANSFER     139       Transfer Time     2-4 milliseconds       Low Voltage Transfer to Battery Power (Setpoint)     139       SPECIAL FEATURES     Cold-start operation supported	Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	
AC Mode BTU / Hr. (Full Load)     65.1       Battery Mode BTU / Hr. (Full Load)     358.4       AC Mode Efficiency Rating (100%)     94%       COMMUNICATIONS     94%       Power Alert 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       Communications Interface     USB (HID enabled)       LINE / BATTERY TRANSFER     108       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 operation supported	Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	
Battery Mode BTU / Hr. (Full Load)     358.4       AC Mode Efficiency Rating (100%)     94%       COMMUNICATIONS     94%       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       Communications Interface     USB (HID enabled)       LINE / BATTERY TRANSFER     2-4 milliseconds       Transfer Time     2-4 milliseconds       Low Voltage Transfer to Battery     89       High Voltage Transfer to Battery     139       SPECIAL FEATURES     Cold-start operation supported	Relative Humidity	0 to 95%, non-condensing	
AC Mode Efficiency Rating (100%       94%         AC Mode Efficiency Rating (100%)       94%         AC Mode Efficiency Rating (100%)       94%         COMMUNICATIONS       Free download from www.tripplite.com         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         Communications Interface       USB (HID enabled)         LINE / BATTERY TRANSFER       VISB (HID enabled)         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 operation supported	AC Mode BTU / Hr. (Full Load)	65.1	
Load)       B478         COMMUNICATIONS         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         Communications Interface       USB (HID enabled)         LINE / BATTERY TRANSFER       USB (HID enabled)         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 operation supported	Battery Mode BTU / Hr. (Full Load)	358.4	
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           Communications Interface         USB (HID enabled)           LINE / BATTERY TRANSFER         USB (HID enabled)           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 operation supported		94%	
Communications Cable       USB interface cable included         WatchDog Compatibility       Supports Watchdog application, OS and hard-reboot restart options for remote applications         Communications Interface       USB (HID enabled)         LINE / BATTERY TRANSFER       USB (HID enabled)         Transfer Time       2-4 milliseconds         Low Voltage Transfer to Battery       89         High Voltage Transfer to Battery       139         SPECIAL FEATURES       Cold-start operation supported	COMMUNICATIONS		
WatchDog Compatibility       Supports Watchdog application, OS and hard-reboot restart options for remote applications         Communications Interface       USB (HID enabled)         LINE / BATTERY TRANSFER       2-4 milliseconds         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 operation supported	PowerAlert Software	Free download from www.tripplite.com	
Communications Interface     USB (HID enabled)       LINE / BATTERY TRANSFER       Transfer Time     2-4 milliseconds       Low Voltage Transfer to Battery     89       Power (Setpoint)     139       SPECIAL FEATURES       Cold Start (Startup in Battery Mode     Cold-start operation supported	Communications Cable	USB interface cable included	
LINE / BATTERY TRANSFER         Transfer Time       2-4 milliseconds         Low Voltage Transfer to Battery       89         High Voltage Transfer to Battery       139         SPECIAL FEATURES       Cold-start operation supported	WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications	
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	Communications Interface	USB (HID enabled)	
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	LINE / BATTERY TRANSFER		
Power (Setpoint)     03       High Voltage Transfer to Battery Power (Setpoint)     139       SPECIAL FEATURES       Cold Start (Startup in Battery Mode During a Power Failure)     Cold-start operation supported	Transfer Time	2-4 milliseconds	
Power (Setpoint)     139       SPECIAL FEATURES       Cold Start (Startup in Battery Mode During a Power Failure)     Cold-start operation supported	Low Voltage Transfer to Battery Power (Setpoint)	89	
Cold Start (Startup in Battery Mode During a Power Failure)     Cold-start operation supported	High Voltage Transfer to Battery Power (Setpoint)	139	
During a Power Failure)	SPECIAL FEATURES		
High Availability UPS Features Hot swappable batteries	Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported	
	High Availability UPS Features	Hot swappable batteries	



STANDARDS & COMPLIANCE	
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)
WARRANTY	
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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