

# TAA-Compliant SmartPro 120V 3kVA 2.25kW Line-Interactive UPS, Tower, Extended Run, Network Card Options, 120V, USB, DB9

## MODEL NUMBER: SMART3000VSTAA







#### Description

Tripp Lite's SMART3000VSTAA intelligent, line interactive UPS with expandable runtime protects server, networking and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Small footprint, tower UPS system occupies only 106 square inches of floorspace with a height of only 14.25 inches. Large capacity 3000 VA/2250 watt rated UPS system offers 4 minutes runtime at full load and 14 minutes at half load during power failures. Runtime is expandable with optional external battery packs. Line interactive voltage regulation corrects brownouts as low as 79V and overvoltages as high as 147V to fully regulated 120V nominal output for smooth continuous operation of connected equipment. Includes a total of 10 outlets, 3 of which can be individually powered off and back on via software interface to selectively reboot remote equipment or shed less critical loads to extend battery runtime for more critical loads. Also includes 2 DB9 and 2 USB enhanced monitoring ports for unattended shutdown, remote control and monitoring of UPS system and power data. Ships in attractive gray color scheme. Compatible with Tripp Lite's PowerAlert and Watchdog service software.

#### **Features**

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 3000VA/2250 watt output capacity accommodates a variety of server, networking and telecom devices
- High power density 3kVA UPS system occupies only 106 square inches of floorspace with a height of only 14.25 inches
- Compatible with North American 120V/60 Hz power as found in the USA, Canada and Mexico
- Offers 4 minutes runtime with a full load of 3000VA and 14 minutes with a half load of 1500VA
- Runtime is expandable with BP48V24-2U (limit 1), BP48V60RT-3U (multi-pack compatible) and BP48V27-2US (multi-pack compatible) external battery packs
- Line interactive voltage regulation corrects severe brownouts and overvoltages from 79 to 147v back to normal 120v levels without using battery power
- 10 total outlets (7 NEMA5-15R; 2 NEMA5-15/20R; 1 L5-30R)

# **Highlights**

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 3kVA / 3000VA line interactive tower UPS system
- 120V nominal output during brownouts to 79V and overvoltages to 147V
- Front panel status LEDs, USB, RS232, EPO and Network Management Card options
- NEMA L5-30P input; 7 NEMA 5-15R, 2 5-15/20R & 1 L5-30R outlets
- This product is ENERGY STAR qualified for its ability to save customers money while helping to protect the environment

### **Package Includes**

- SMART3000VSTAA UPS System
- USB & DB9 Serial Cabling
- Instruction manual



- Includes NEMA L5-30P locking 30 amp input plug connection
- Notification of system status via 5 LEDs and multi-function audible alarms
- USB & Serial ports enable data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from <a href="mailto:tripplite.eaton.com/products/power-alert">tripplite.eaton.com/products/power-alert</a>
- 4 built-in communications ports (2-DB9, 2-USB) for remote monitoring and unattended shutdown
- Compatible with Tripp Lite UPS management card options TLNETCARD, WEBCARDLX and SNMPWEBCARD
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Communication ports support on battery, low battery, power restored, AC line voltage, DC battery
  voltage, load percentage, battery charge current, battery capacity, internal UPS temperature and line
  frequency status messaging. Interface supports timed inverter shutoff after unattended shutdown,
  activate self-test and 10 second reboot of connected equipment
- 3 individual customized load management receptacles can be individually powered off and back on again via software interface to reboot remote equipment or perform "load shedding" of less critical loads to extend battery runtime for the most critical equipment
- Built-in Emergency Power Off (EPO) interface supports emergency shutoff in large facilities
- Hot-swappable/user replaceable batteries allow on-site battery replacement without powering off connected equipment
- UPS battery set ships fully assembled and ready for use, no time consuming, connection of individual internal batteries by user is necessary

# **Specifications**

OVERVIEW		
UPC Code	037332184191	
UPS Type	Line-Interactive	
INPUT		
Input Phase	Single-Phase	
Rated input current (Maximum Load)	24A	
Nominal Input Voltage(s) Supported	120V AC	
UPS Input Connection Type	L5-30P	
Input Circuit Breakers	30A	
UPS Input Cord Length (ft.)	8	
UPS Input Cord Length (m)	2.4	
Recommended Electrical Service	120V 30A	
OUTPUT		
Output Capacity (VA)	3000	
Output Capacity (kVA)	3	
Output Capacity (Watts)	2250	



Output Capacity (NVY)         2.2           Output Capacity Details         Output is reduced to 1600 waits maximum when used with external battery packs           Power Factor         0.8           Assemant Voltage Details         120x nominal output in battery mode           Frequency Compatibility         60 Hz           Output Voltage Regulation (Line)         48% f 45%           Output Voltage Regulation (Battery Mode)         7.6%           Output Circuit Breakers         20A branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered           Output Circuit Breakers         20A branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered           Output AC Waveform (Battery Mode)         7.6%           Namial Output Voltage(s)         110V; 115V; 120V           Output Rcceptacles         (7) 6-15R; (2) 5-15/20R; (1) L5-30R           Individually Controllable Load Banks         7vs           ***********************************			
Power Factor 0.8 Nominal Voltage Details 120v nominal output in battery mode Frequency Compatibility 60 Hz Cutput Voltage Regulation (Line Mode) -19% / 48%  Output Voltage Regulation (Battery Mode) -19% / 48%  Output Voltage Regulation (Battery Mode) -19% / 48%  Load Management Receptacles Three switchable two-outlets 5-15R load banks  Output Circuit Breakers 20A branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered  Output AC Waveform (AC Mode) Sine wave  Output AC Waveform (Battery Mode) 10V; 115V; 120V  Output Receptacles (7) 5-15R; (2) 5-15/20R; (1) L5-30R  Individually Controllable Load Banks Yes  BATTERY  Runtime Full Load (min.) 4 min. (2250w)  Runtime Half Load (min.) 14 min. (11/25w)  Expandable Runtime Yes Systems—BP48V24-2U-BP48V24-2U-Back-Tower-Battery-Pack-Enclosure-DC-Pack-En	Output Capacity (kW)	2.2	
Naminal Voltage Details   120v nominal output in battery mode   120v Normal N	Output Capacity Details	Output is reduced to 1600 watts maximum when used with external battery packs	
Frequency Compatibility 60 Hz  Output Voltage Regulation (Line 18% / +8% / 18%	Power Factor	0.8	
Output Voltage Regulation (Line Mode)         -18% / +8%           Output Voltage Regulation (Battery Mode)         +/- 5%           Load Management Receptades         Three switchable two-outlet 5-15R load banks           Output Circuit Breakers         20 Ab branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered           Output AC Waveform (AC Mode)         Sine wave           Nominal Output Voltage(s)         110V; 115V; 120V           Output Receptades         (7) 5-15R; (2) 5-15/20R; (1) L5-30R           Individually Controllable Load Banks         Yes           BATTERY           Runtime Full Load (min.)         4 min. (2250w)           Runtime Half Load (min.)         14 min. (1125w)           Expandable Runtime         Yes           External Battery Pack Compatibility         Amps. class= productLink* href="//irripplite eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-cathing-select-UPS-Systems-BP48V2A-2U-sis-Anbsp; (imit-pack compatible); Shrisps-a class= productLink* href="//irripplite eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Fire-dosure-DC-cathing-select-UPS-Systems-BP48V2A-2U-sis-Anbsp; (imit-pack compatible); Shrisps-a class= productLink* href="//irripplite eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Irri-UPS-Systems-BP48V2A-2U-Sis-Anbsp; (imit-pack compatible); Shrisps-a class= productLink* href="//irripplite eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Irri-UPS-Systems-BP48V2A-2U-Sis-Anbsp; (imit-pack compatible); Shrisps-a class= productLink* href="//irripplite eaton.com/Extern	Nominal Voltage Details	120v nominal output in battery mode	
Mode)         ************************************	Frequency Compatibility	60 Hz	
Mode   1-7-376		-18% / +8%	
Output Circuit Breakers         20A branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered           Output AC Waveform (AC Mode)         Sine wave           Output AC Waveform (Battery Mode)         PWM sine wave           Output Nottage(s)         110V; 115V; 120V           Supported         (7) 5-15R; (2) 5-15/20R; (1) L5-30R           Individually Controllable Load Banks         Yes           BATTERY           Runtime Full Load (min.)         4 min. (2250w)           Runtime Full Load (min.)         14 min. (1125w)           External Battery Pack Compatibility Pack Compatibility Actions general-UPS-Systems-BP48V/24-2U-SP48		+/- 5%	
Output AC Waveform (AC Mode)         Sine wave           Output AC Waveform (Battery Mode)         PWM sine wave           Nominal Output Voltage(s)         110V; 115V; 120V           Output Receptacles         (7) 5-15R; (2) 5-15/20R; (1) L5-30R           Individually Controllable Load Banks         Yes           BATTERY           Runtime Full Load (min.)         4 min. (2250w)           Runtime Full Load (min.)         4 min. (2250w)           External Battery Pack Compatibility           & Absp:-a class="productLink" hrefs-"/tripplite eaton.com/External-48-V-2U-/Sa-Rabsp; (limit 1): 8 rbsp;-a class="productLink" hrefs-"/tripplite eaton.com/External-48-V-2U-/Sa-Rabsp; (limit 1): 8 rbsp;-a class="productLink" hrefs-"/tripplite eaton.com/External-48-V-2U-/Sa-Rabsp; (multi-pack compatible): Antosp:-a class="productLink" hrefs-"/tripplite eaton.com/External-48-V-2U-/Sa-Rabsp; (multi-pack compatible): Antosp:-a class="productLink" hrefs-"/tripplite eaton.com/External-48-V-2U-/Sa-Rabsp; (multi-pack compatible): Antosp:-a class="productLink" hrefs-"/tripplite eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Rack-for-UPS-Systems-BP48-V27-2US'-SBP48-	Load Management Receptacles	Three switchable two-outlet 5-15R load banks	
Output AC Waveform (Battery Mode)         PWM sine wave           Nominal Output Voltage(s) Supported         110V; 115V; 120V           Output Receptacles         (7) 5-15R; (2) 5-15/20R; (1) L5-30R           Individually Controllable Load Banks         Yes           BATTERY           Runtime Full Load (min.)         4 min. (2250w)           Runtime Full Load (min.)         14 min. (1125w)           Expandable Runtime         Yes           External Battery Pack Compatibility         Anbspa class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V/24-2U-Sp48V4-2U-Sa-Sanbsp; (limit 1); Anbspa class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Tor-UPS-Systems-BP48V27-2US-/as-Sanbsp; (limit 1); Anbspa class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Tor-UPS-Systems-BP48V27-2US-/as-Sanbsp; (multi-pack compatible); Anbspa class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Tor-UPS-Systems-BP48V27-2US-/as-Sanbsp; (multi-pack compatible); Anbspa class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Pack-Tor-UPS-Replacement Battery access door           Battery Replacement Battery Access         Battery Replacement Battery Battery Replacement Description         Anbspa class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Cartridge-Kit-select-Tripp-Lite-Battery-Cartr	Output Circuit Breakers	20A branch rated (x2) - breaker 1 protects 5-20R, breaker 2 protects 5-15R, L5-30R is unbreakered	
Nominal Output Voltage(s)   110V; 115V; 120V	Output AC Waveform (AC Mode)	Sine wave	
Output Receptacles (7) 5-15R; (2) 5-15/20R; (1) L5-30R  Individually Controllable Load Banks Yes  BATTERY  Runtime Full Load (min.) 4 min. (2250w)  Runtime Half Load (min.) 14 min. (1125w)  Expandable Runtime Yes  External Battery Pack Compatibility Anbeys, a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-saR-bps; (mill-th)-shops,-a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-saR-bps; (mill-th)-shops,-a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-saR-bps; (mill-th)-shops,-a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V27-2US-SP48V28-2US-SP48V28-2		PWM sine wave	
BATTERY  Runtime Full Load (min.) 4 min. (2250w)  Runtime Half Load (min.) 14 min. (1125w)  Expandable Runtime Yes  External Battery Pack Compatibility 2 mbsp;-a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U'-SBP48V24-2U'-SBP48V24-2U-SB-A8bsp; (mint 1);  -a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U'-SBP48V24-2U'-SBP48V24-2U-SBP48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U'-SBP48V24-2U'-SBP48V24-2U-SBP48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V60RT-3U'-SBP48V60RT-3U-/sa-Rack-Tower-Battery-Pack-In-rup-Systems-BP48V27-2US-/sa-Shnbsp; (multi-pack compatible):  -a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems-BP48V27-2US-/sa-Shnbsp; (multi-pack compatible):  -a class="productLink" href="/tripplite.eaton.com/UPS-Replacement-Battery-Pack-for-UPS-Systems-BP48V27-2US-/sa-Shnbsp; (multi-pack compatible):  -a class="productLink" href="/tripplite.eaton.com/UPS-Replacement-Battery-Pack-for-UPS-Replacement-Battery-Pack-for-UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Best-Powerware-Liebert-other-UPS-RBC54's-RBC54-/a-S-8nbsp;  Battery Replacement Description Hot-swappable, user replaceable batteries  VOLTAGE REGULATION  Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 79V to 147V  Overvoltage Correction Input voltages between 128 and 147 are reduced by 12%  Undervoltage Correction Input voltages between 95 and 104 are boosted by 12%		110V; 115V; 120V	
BATTERY  Runtime Full Load (min.) 4 min. (2250w)  Runtime Half Load (min.) 14 min. (1125w)  Expandable Runtime Yes  External Battery Pack Compatibility Anhance Cabling-select-UPS-Systems-BP48V24-2U's-BP48V24-2U-fack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U's-BP48V24-2U-fack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U-fack-Tower-Battery-Pack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V0RT-3U-9BP48V0RT-3U-9Achsp; (multi-pack compatible): Antisps; callass="productLink" herl="/htripplite_eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems-BP48V27-2US's-BP	Output Receptacles	(7) 5-15R; (2) 5-15/20R; (1) L5-30R	
Runtime Full Load (min.)  Runtime Half Load (min.)  4 min. (12250w)  Expandable Runtime  Yes  External Battery Pack Compatibility  Anbsp: <a &nbsp:<a="" (multi-pack="" class="productLink" compatible):="" href="//tripple-pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V27-ZUS-SBP48V27-&lt;/td" productlink"=""><td>Individually Controllable Load Banks</td><td>Yes</td></a>	Individually Controllable Load Banks	Yes	
Runtime Half Load (min.)  14 min. (1125w)  Expandable Runtime  Yes  External Battery Pack Compatibility  Anbsp;-a class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U'-/a>BP48V24-2U-Sack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V27-2US*>BP48V24-2U-/a>BP48	BATTERY		
Expandable Runtime  Yes  External Battery Pack Compatibility  & Sanbsp: <a -sbp48v24-2u-="" a="" class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems-BP48V24-2U"> : (limit 1):  :<a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems-BP48V27-2US" productlink"="">knbsp:<a class="productLink" href="/tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems-BP48V27-2US">knbsp:<a class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems-BP48V27-2US'&gt;BP48V27-&lt;/td&gt;&lt;td&gt;Expandable Runtime&lt;/td&gt;&lt;td&gt;Yes&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Battery Recharge Rate (Included Batteries)  Battery Access  Battery access door  Internal UPS Replacement Battery Cartridge Sest-Powerware-Liebert-other-UPS~RBC54" productlink"="">RBC54"&gt;RBC54"<rbc54">RBC54"&gt;RBC54"<rbc54">RBC54"<rbc54">RBC54"<rbc54"< td=""><td>External Battery Pack Compatibility</td><td>Cabling-select-UPS-Systems~BP48V24-2U"&gt;BP48V24-2U</td></rbc54"<></rbc54"></rbc54"></rbc54"></a>  (limit 1);  <a class="productLink" href="//tripplite.eaton.com/External-48V-3U-Rack-Tower-Battery-Pack-Enclosure-DC-Cabling-select-UPS-Systems~BP48V60RT-3U">BP48V60RT-3U</a>  (multi-pack compatible);  <a class="productLink" href="//tripplite.eaton.com/External-48V-2U-Rack-Tower-Battery-Pack-for-UPS-Systems~BP48V27-2US">BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2US"&gt;BP48V27-2USS BP48V27-2USS BP48V27-2USS</a></a></a></a>	External Battery Pack Compatibility	Cabling-select-UPS-Systems~BP48V24-2U">BP48V24-2U	
Battery Access  Battery Access  Battery access door  Internal UPS Replacement Battery Cartridge <a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Best-Powerware-Liebert-other-UPS~RBC54">NBC54"&gt;NBC54"<nbc54">NBC54"&gt;NBC54"<nbc54">NBC54"<nbc54">NBC54"<nbc54">NBC54"<nbc54">NBC54"<nbc54"<nbc5< td=""><td>DC System Voltage (VDC)</td><td>48</td></nbc54"<nbc5<></nbc54"></nbc54"></nbc54"></nbc54"></nbc54"></a>	DC System Voltage (VDC)	48	
Internal UPS Replacement Battery Cartridge <a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Best-Powerware-Liebert-other-UPS~RBC54">RBC54"&gt;R</a>		Less than 4 hours from 10% to 90% (typical, full load discharge)	
Battery Replacement Description Hot-swappable, user replaceable batteries  VOLTAGE REGULATION  Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 79V to 147V  Overvoltage Correction Input voltages between 128 and 147 are reduced by 12%  Undervoltage Correction Input voltages between 95 and 104 are boosted by 12%	Battery Access	Battery access door	
VOLTAGE REGULATION  Voltage Regulation Description Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 79V to 147V  Overvoltage Correction Input voltages between 128 and 147 are reduced by 12%  Undervoltage Correction Input voltages between 95 and 104 are boosted by 12%		<a class="productLink" href="//tripplite.eaton.com/UPS-Replacement-Battery-Cartridge-Kit-select-Tripp-Lite-Best-Powerware-Liebert-other-UPS-RBC54">RBC54</a>	
Voltage Regulation Description  Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 79V to 147V  Overvoltage Correction  Input voltages between 128 and 147 are reduced by 12%  Undervoltage Correction  Input voltages between 95 and 104 are boosted by 12%	Battery Replacement Description	Hot-swappable, user replaceable batteries	
Overvoltage Correction Input voltages between 128 and 147 are reduced by 12%  Undervoltage Correction Input voltages between 95 and 104 are boosted by 12%	VOLTAGE REGULATION		
Undervoltage Correction Input voltages between 95 and 104 are boosted by 12%	Voltage Regulation Description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 79V to 147V	
	Overvoltage Correction	Input voltages between 128 and 147 are reduced by 12%	
Severe Undervoltage Correction Input voltages between 79 and 94 are boosted by 24%	Undervoltage Correction	Input voltages between 95 and 104 are boosted by 12%	
	Severe Undervoltage Correction	Input voltages between 79 and 94 are boosted by 24%	



USER INTERFACE, ALERTS & CON	TROLS	
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, overload and low-battery conditions	
LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation 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		
Primary Form Factor	Tower	
Cooling Method	Fan	
Installation Form Factors Supported with Included Accessories	Tower	
Primary UPS Depth (mm)	305	
Primary UPS Height (mm)	361	
Primary UPS Width (mm)	234	
Shipping Dimensions (hwd / in.)	18.40 x 16.40 x 15.00	
Shipping Dimensions (hwd / cm)	46.74 x 41.66 x 38.10	
Shipping Weight (lbs.)	63.90	
Shipping Weight (kg)	28.98	
UPS Housing Material	Polycarbonate	
UPS Power Module Dimensions (hwd, cm)	36.07 x 23.37 x 30.48	
UPS Power Module Dimensions (hwd, in.)	14.2 x 9.2 x 12	
UPS Power Module Weight (kg)	26.76	
UPS Power Module Weight (lbs.)	59	
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	



94%		
Audible Noise < 47dBA At Front Side 1 Meter		
SNMPWEBCARD; <a class="productLink" href="//tripplite.eaton.com/Web-Management-Accessory-Card-SmartPro-SmartOnline-UPS-Systems~TLNETCARD">TLNETCARD</a> ; <a class="productLink" href="//tripplite.eaton.com/Web-Management-Accessory-Card~WEBCARDLX">WEBCARDLX</a>		
Supports detailed monitoring of UPS and site power conditions		
For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert		
2 USB and 2 DB9 cables included		
Supports Watchdog application, OS and hard-reboot restart options for remote applications		
USB; DB9 Serial; EPO (emergency power off); Slot for SNMP/Web interface		
LINE / BATTERY TRANSFER		
2-4 milliseconds		
79		
147		
FEATURES & SPECIFICATIONS		
Cold-start operation supported		
Hot swappable batteries		
WARRANTY & SUPPORT		
2-year limited warranty		
\$250,000 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a> >		



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