

TAA-Compliant POS Series 120V 50/60Hz 500VA 300W Standby UPS, Tower, USB port, 6 Outlets, TEL/DSL Protection

MODEL NUMBER: POS500TAA







Description

Tripp Lite's POS500TAA standby UPS system offers surge suppression and long-lasting battery support, ideal for Kiosks, Point-of-Sale, Network Workstations and standalone PC applications. Special housing with rear-facing outlets fits into limited height and width UPS compartments in kiosks and other equipment housings.

Highlights

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- 500VA 120V standby UPS maintains AC output during power failures
- 3 UPS battery supported outlets,
 3 surge-only outlets
- USB port, TEL/DSL protection, 99% efficient
- NEMA 5-15P input and 6 NEMA 5-15R outlets
- This product is ENERGY STAR qualified for its ability to save customers money while helping to protect the environment

Package Includes

 POS500TAA UPS, USB cable, User manual with warranty information

Internal UPS circuits maintain AC output during power failures and severe brownout conditions so that connected equipment can be properly shut down without data loss. 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 case of extended power failure; cable included. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. PowerAlert software available via FREE download. Built-in single line phone suppression protects modem, fax machine or other peripheral with a standard dialup/DSL phone connection. Built-in audible alarm and 5 LEDs indicate line power status, battery power status, battery low/replace, overload and site wiring fault status. 500VA/300W power handling ability supports point-of-sale equipment, kiosks, network workstations, small business phone systems and desktop PC equipment. Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications. Offers 4.9 minutes battery runtime with a full load of 500VA and 15.8 minutes with a half load of 250VA. Supports user battery replacement via built-in access panel. \$150,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only).

Features

- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases
- POS500TAA offer surge suppression and long-lasting battery support for Kiosks, Point-of-Sale, Network Workstations and standalone PC applications
- Special housing with short 6.54 inch height, thin 3.58 inch width and rear-facing outlets is compatible with UPS compartments in many kiosks and other
 equipment housings
- Supports a full load of 500VA/300 watts for 4.9 minutes and a half load of 250VA/150 watts for 15.8 minutes
- Supplies battery-derived AC output from UPS supported outlets during brownouts, overvoltages and blackout conditions
- Includes 6 total outlets, 3 with UPS and surge suppression for vital system components and 3 with surge suppression only for accessories not requiring battery support



- Compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment ideal for unattended kiosk applications
- USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com/poweralert
- Built-in single line phone suppression protects modem, fax machine or other peripheral with a standard dialup/DSL phone connection
- Built-in audible alarm and 5 LEDs indicate line power status, battery power status, battery low/replace, overload and site wiring fault status
- Optional PDUB15 bypass PDU enables hot-swappable UPS replacement with no disruption to connected equipment
- Supports hot swappable, user battery replacement via built-in access panel

Specifications

OUTPUT		
Output Volt Amp Capacity (VA)	500	
Output Watt Capacity (Watts)	300	
Nominal Output Voltage(s) Supported	110V; 115V; 120V	
Nominal Voltage Details	115v nominal output in battery mode	
Frequency Compatibility	50 / 60 Hz	
Frequency Compatibility Details	Automatic frequency selection	
Output Voltage Regulation (Battery Mode)	+/- 5%	
Output Receptacles	(6) 5-15R	
UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 surge-only outlets	
Hot-Swap PDU options	PDUB15 (2U / 8 5-15R 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	
Input Circuit Breakers	10A	
UPS Input Cord Length (ft.)	6	
UPS Input Cord Length (m)	1.8	
Recommended Electrical Service	15A 120V	
Input Phase	Single-Phase	
BATTERY		





Fall Load Runtime (min.) 4.9 min. (300w) Half Load Runtime (min.) 15.8 min. (150w) DC System Voltage (VDC) 12 Battery Recharge Rate (Included Batteries) Less than 10 hours from 10% to 90% Internal UPS Replacement Battery RBC61 Battery Access Battery access door Battery Access Battery access door Battery Access No USER INTERFACE, ALERT'S & OVERTHING No ministrice in which is a ministrice		
DC system Voltage (VDC) 12 Battery Recharge Rate (Included Batteries) Less than 10 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 USER INTERFACE, ALERTS & CONTOLS Switches Audible Alarm Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overfoad) Six Wiring Fault Indication Rear panel sits wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Joule Rating 480 UPS AC Suppression Pesponse Installation Suppression EMI / RFI AC Noise Suppression 7 Inner EL/DSL (1 in / 1 out) EMI / RFI AC Noise Suppression 7 Tower PHYSICAL Tower Installation Form Factors Supported with Included Accessories Tower Primary Form Factor Tower UPS Power Module Dimensions (MM, In), 10, 14 x 28.45 UPS Power Module We	Full Load Runtime (min.)	4.9 min. (300w)
Battery Recharge Rate (Included Batteries) Less than 10 hours from 10% to 90% Internal UPS Replacement Battery Cartridge RBC61 Battery Access Battery access door Battery Replacement Description Hot-swappable, user replaceable batteries Expandable Runtime No USER INTERFACE, ALERTS & CONTOLS Switches Combination switch controls on/off power status and self-test operation Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overfoad) Site Wiring Fault Indication Rear panel site wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Joule Rating 480 UPS AC Suppression Personne Instantaneous EMI/ RELAC Noise Suppression Yes EMI/ RELAC Noise Suppression 1 line TEL/DSL (1 in / 1 out) EMI/ RELAC Noise Suppression 7 Yover PHYSICAL UPS Power Module Dimensions 6.5 x 3.6 x 11.2 UPS Power Module Dimensions 6.5 x 3.6 x 11.2 UPS Power Module Weight (kg) 3.67 <	Half Load Runtime (min.)	15.8 min. (150w)
Internal UPS Replacement Battery RBC61 Rattery Access Battery access door Rattery Replacement Description Hot-swappable, user replaceable batteries Expandable Runtime No No No No No No No N	DC System Voltage (VDC)	12
Cartridge Moor Pattery Access Battery access door Battery Access Battery access door Expandable Runtime No USER INTERFACE, ALERTS & CONTINUATION OF The Patter Search Sea		Less than 10 hours from 10% to 90%
Battery Replacement Description Expandable Runtime No WEER INTERFACE, ALERTS & CONTROLS Switches Combination switch controls on/off power status and self-test operation Audible Alarm Audible Alarm Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overload) Site Wiring Fault Indication Rear panel site wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating Instantaneous UPS AC Suppression Response Time Instantaneous UPS Dataline Suppression 1 line TEU/DSL (1 in / 1 out) EMI / RFI AC Noise Suppression Yes PHYSICAL UPS Power Module Dimensions (Mind, in.) UPS Power Module Dimensions (Mind, cm) UPS Power Module Weight (Ibs.) 8.1 UPS Power Module Weight (Ibs.) 8.1 UPS Shipping Dimensions (Invd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (Invd / in.) 9.5 Shipping Weight (Ibs.) 9.6 Shipping Weight (Ibs.) 9.7 Shipping Weight (Ibs.)		RBC51
Expandable Runtime No USER INTERFACE, ALERTS & CONTROLS Switches Combination switch controls on/off power status and self-test operation Audible Alarm Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overfoad) Site Wiring Fault Indication Rear panel site wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Response Time Instantaneous UPS Dataline Suppression 1 line TELIDSL (1 in / 1 out) EMI / RFI AC Noise Suppression Yes PHYSICAL Installation Form Factors Supported With Included Accessories Tower VPS Power Module Dimensions (Invid, in.) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (Invid, in.) 6.5 1 x 9.14 x 28.45 UPS Power Module Weight (lbs.) 8.1 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / in.) 3.28 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	Battery Access	Battery access door
Switches Combination switch controls on/off power status and self-test operation Audible Alarm Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overload) Site Wiring Fault Indication Rear panel site wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Response Time Instantaneous Insta	Battery Replacement Description	Hot-swappable, user replaceable batteries
Switches Combination switch controls on/off power status and self-test operation Audible Alarm Audible alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overfoad) Site Wiring Fault Indication Rear panel site wiring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Response Instantaneous UPS Dataline Suppression Instantaneous UPS Dataline Suppression Instantaneous UPS Dataline Suppression Instantaneous Wes PHYSICAL Installation Form Factors Supported Instantaneous UPS Power Module Dimensions (howd, in.) UPS Power Module Dimensions (howd, in.) UPS Power Module Dimensions (howd, in.) UPS Power Module Weight (kg) 3.67 UPS Power Module Weight (kg) 3.4x 7.1 x 14.2 UPS Shipping Dimensions (hwd / in.) Shipping Weight (bs.) 10.5	Expandable Runtime	No
Audible Alarm Audible Alarm indicates power-failure LED Indicators 4 LEDs (online, on battery, replace battery, overload) Site Wirring Fault Indication Rear panel site wirring fault LED SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating 480 UPS AC Suppression Response Instantaneous UPS Dataline Suppression Prime Instantaneous UPS Dataline Suppression Prime Instantaneous Host Dataline Suppression Prime Instantaneous PHYSICAL Installation Form Factors Supported with Included Accessories Tower UPS Power Module Dimensions (hod, in.) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (hod / in.) 9.4 x 7.1 x 14.2 UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hod / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hod / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	USER INTERFACE, ALERTS & CON	TROLS
LED Indicators 4 LEDs (online, on battery, replace battery, overload) 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 Primary Form Factor Tower UPS Power Module Dimensions (hwd, nn.) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) 8.1 UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / cm) 3.38 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	Switches	Combination switch controls on/off power status and 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 Primary Form Factor Tower UPS Power Module Dimensions (hwd, in.) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (hwd, wd, un.) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) 8.1 UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	Audible Alarm	Audible alarm indicates power-failure
SURGE / NOISE SUPPRESSION UPS AC Suppression Joule Rating	LED Indicators	4 LEDs (online, on battery, replace battery, overload)
UPS AC Supression Joule Rating UPS AC Supression Response Instantaneous UPS Dataline Suppression I line TEL/DSL (1 in / 1 out) EMI / RFI AC Noise Suppression Yes PHYSICAL Installation Form Factors Supported with Included Accessories Installation Form Factor I Tower UPS Power Module Dimensions (hwd, in.) UPS Power Module Weight (lbs.) Installation Form Factor I Tower UPS Power Module Weight (lbs.) Installation Form Factor I Tower UPS Power Module Weight (lbs.) Installation Form Factor I Tower UPS Power Module Weight (lbs.) Installation Form Factor I Tower UPS Power Module Weight (lbs.) Installation Form Factor I Tower I Tower I Tower I Tower UPS Power Module Dimensions I I I I I I I I I I I I I I I I I I I	Site Wiring Fault Indication	Rear panel site wiring fault LED
UPS AC Suppression Response UPS Dataline Suppression Instantaneous Instantaneous	SURGE / NOISE SUPPRESSION	
Time Installations 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 UPS Power Module Dimensions (hwd , cm) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) 8.1 UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	UPS AC Suppression Joule Rating	480
PHYSICAL Installation Form Factors Supported with Included Accessories Primary Form Factor UPS Power Module Dimensions (hwd, in.) UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) UPS Power Module Weight (kg) UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / in.) Shipping Weight (lbs.) 10.5		Instantaneous
PHYSICAL Installation Form Factors Supported with Included Accessories Primary Form Factor Tower Tower UPS Power Module Dimensions (hwd, in.) UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) UPS Power Module Weight (kg) UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / in.) Shipping Weight (lbs.) 10.5	UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out)
Installation Form Factors Supported with Included Accessories Primary Form Factor UPS Power Module Dimensions (hwd, in.) UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	EMI / RFI AC Noise Suppression	Yes
with Included Accessories Primary Form Factor Tower UPS Power Module Dimensions (hwd, in.) UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / in.) Shipping Weight (lbs.) 10.5	PHYSICAL	
UPS Power Module Dimensions (hwd, in.) UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) 10.5		Tower
(hwd, in.) 6.5 x 3.6 x 11.2 UPS Power Module Dimensions (hwd, cm) 16.51 x 9.14 x 28.45 UPS Power Module Weight (lbs.) 8.1 UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	Primary Form Factor	Tower
(hwd, cm) UPS Power Module Weight (lbs.) UPS Power Module Weight (kg) UPS Shipping Dimensions (hwd / in.) UPS Shipping Dimensions (hwd / cm) UPS Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) 10.5		6.5 x 3.6 x 11.2
UPS Power Module Weight (kg) 3.67 UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5		16.51 x 9.14 x 28.45
UPS Shipping Dimensions (hwd / in.) 9.4 x 7.1 x 14.2 UPS Shipping Dimensions (hwd / 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	UPS Power Module Weight (lbs.)	8.1
UPS Shipping Dimensions (hwd / cm) 23.88 x 18.03 x 36.07 Shipping Weight (lbs.) 10.5	UPS Power Module Weight (kg)	3.67
cm) 25.06 x 16.03 x 36.07 Shipping Weight (lbs.) 10.5	UPS Shipping Dimensions (hwd / in.)	9.4 x 7.1 x 14.2
		23.88 x 18.03 x 36.07
Shipping Weight (kg) 4.8	Shipping Weight (lbs.)	10.5
I and the state of	Shipping Weight (kg)	4.8





Primary UPS Height (mm) Primary UPS Width (mm) Primary UPS Depth (mm) Shipping Height (mm) Shipping Width (mm) Shipping Depth (mm) ENVIRONMENTAL	ABS 165 91 284 239 180 361
Primary UPS Width (mm) Primary UPS Depth (mm) Shipping Height (mm) Shipping Width (mm) Shipping Depth (mm) ENVIRONMENTAL	91 284 239 180
Primary UPS Depth (mm) Shipping Height (mm) Shipping Width (mm) Shipping Depth (mm) ENVIRONMENTAL	284 239 180
Shipping Height (mm) Shipping Width (mm) Shipping Depth (mm) ENVIRONMENTAL	239 180
Shipping Width (mm) Shipping Depth (mm) ENVIRONMENTAL	180
Shipping Depth (mm) ENVIRONMENTAL	
ENVIRONMENTAL	361
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)	10
Battery Mode BTU / Hr. (Full Load)	195
AC Mode Efficiency Rating (100% Load)	99%
COMMUNICATIONS	
Communications Interface	USB (HID enabled)
PowerAlert Software	For local monitoring via the UPS's built-in USB port, download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Cable	USB interface cable included
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at http://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite
LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds from AC to battery mode; 4 milliseconds from battery to AC mode
Low Voltage Transfer to Battery Power (Setpoint)	93
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
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS



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); TAA Compliant; ENERGY STAR Qualified	
WARRANTY		
Product Warranty Period (Worldwide)	2-year limited warranty	

© 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