Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: BCPERS450

BC Personal 450VA Tower Standby 120V UPS with USB port



Highlights

- 450VA tower 120V standby UPS
- Maintains AC output during power failures
- USB port, Status LEDs
- NEMA 5-15P input plug and 3 NEMA 5-15R outlets

Description

Tripp Lite's BCPERS450 standby UPS offers AC surge suppression and long lasting battery support for desktop PCs, network workstations and a wide variety of consumer and professional electronics. Uninterruptible Power Supply / UPS circuits switch to battery backup mode within milliseconds to keep connected equipment running without interruption or data loss during power failures, brownouts and overvoltages. AC surge suppression prevents connected equipment damage. USB communications port supports built-in power management and auto-shutdown features of Windows and Mac OS X or full featured monitoring and data-saving auto-shutdown options using Tripp Lite's free PowerAlert monitoring software.

Package Includes

- BCPERS450 UPS System
- Instruction manual

Features

- BCPERS450 small tower 120V standby UPS offers AC power protection from blackouts, brownouts, overvoltages and transient surges
- 450VA / 280 watt UPS output capacity
- Uninterruptible Power Supply / UPS operation maintains battery-derived AC output during blackouts, brownouts and overvoltages to prevent data loss and system downtime for connected equipment
- Built-in USB port enables data-saving unattended shutdown when used with Tripp Lite's PowerAlert software, available via FREE download from www.tripplite.com
- HID-compliant USB port also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- 4.6 minutes runtime at 100% load (280 watts), 14.8 minutes runtime at 50% load (140 watts)
- 30 minutes runtime for a desktop computer system consuming 80 watts continuous
- 3 built-in NEMA 5-15R UPS supported outlets
- NEMA 5-15P input connection with 6ft / 1.8m line cord
- Network grade AC surge and lightning protection is available from all outlets
- Supports 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
- Front panel LEDs indicate line / battery mode and battery replace status; Audible alarm with alarm cancel / self-test button
- Hot swappable user battery replacement
- Small tower housing supports desk or floor placement

Specifications

OUTPUT

Output Volt Amp Capacity (VA)	450
Output Watt Capacity (watts)	280
Nominal Output Voltage(s) Supported	115V; 120V
Frequency compatibility	60 Hz
Output voltage regulation (Battery mode)	115V (+/- 5%)
Built-in UPS output receptacles	3 5-15R outlet(s)
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	3.1A
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)	4.6 min. (280w)
Half load runtime (minutes)	14.8 min. (140w)
DC system voltage (VDC)	12
Battery recharge rate (included batteries)	Less than 3.6 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
UPC ASSIGNMENT	
Unit Carton UPC#	037332033116
LEDS ALARMS & SWITCHES	
LED Indicators	3 LEDs indicate line power, battery power 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	252
UPS AC suppression response time	Instantaneous
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 5.2 x 7
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	21.6 x 13.3 x 17.8
UPS / Power Module weight (lbs)	12
UPS / Power Module weight (kg)	5.4
UPS Shipping dimensions (height x width x depth / inches)	12 x 8.2 x 10
UPS Shipping dimensions (height x width x depth / cm)	30.5 x 21 x 25.4
Shipping weight (lbs)	13
Shipping weight (kg)	5.9
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)	60.8
Battery mode BTU / hr. (full load)	334.5
COMMUNICATIONS	
Communications interface	USB (HID enabled)

PowerAlert software	Free download from www.tripplite.com
Communications cable	USB cable is user supplied
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)	99V (adjustable to 83V via potentiometer)
High voltage transfer to battery power (setpoint)	176 (adjustable to 147 via potentiometer)
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 (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$100,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Related Model	Description	Qty.
CT120	Instant-Read- AC Outlet Circuit Tester	1
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	1
U022-006	6-ft. USB A/B Cable (Adjustable Right Angle A Male to B Male Connector)	1
U222-004-R	4-Port USB2.0 Ultra-Mini Hub	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
WEXT5-BCPERS	5-Year Extended Warranty - For BC Personal Models	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?variables.txtModelID=4.

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Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru