

# BC Personal UPS System

## Standby UPS



### Model #: BCPERS450

- ▶ 450VA standby, tower UPS system
- ▶ Maintains battery derived AC output during blackouts and brownouts starting at 99V
- ▶ Workstation-optimized features include USB port (HID-PDC compliant)
- ▶ 3 protected AC outlets (NEMA 5-15R)
- ▶ \$100,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

## DESCRIPTION

Tripp Lite's BCPERS450 standby UPS system offers 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 15 minutes during power failures and brownouts so that connected equipment can be shutdown without data loss. Includes 3 UPS supported outlets. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in the case of extended power failure. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in set of 3 front panel LEDs indicate line power, battery power and battery low/replace status. 450VA / 280 watt power handling ability supports entry-level PCs, point-of-sale equipment, small business phone systems and audio/video components. Offers 5 minutes battery runtime with a full load of 450VA and 17 minutes with a half load of 225VA. Supports user battery replacement via built-in access panel. 2 year warranty. \$100,000 connected equipment insurance (USA & Canada only).

## KEY BUYING POINTS

- BCPERS450 standby UPS system offers UPS battery support to maintain productivity and prevent data loss during blackouts and brownout conditions
- Supports entry level PC systems for up to 15 minutes during severe brownouts and power failures
- Supports a max load of 450VA/280 watts for 5 minutes
- Supports a half load of 225VA/140 watts for 17 minutes
- Supplies battery derived AC output during brownouts starting at 99 volts
- Attractive small footprint gray tower configuration
- USB port, PowerAlert software and cabling offer safe unattended shutdown without data loss during extended outages
- Built-in single line Tel/DSL line surge suppression protects modem, fax machine or cordless phone
- Includes 3 battery supported NEMA 5-15R outlets, 6 foot AC line cord with NEMA 5-15P input connection
- 3 front panel LEDs indicate line power, battery power and battery low / replace status
- 450VA / 280 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports user battery replacement via built-in access panel
- Compatible with 120V / 60Hz applications in USA, Canada, Mexico and more
- 2 year manufacturers warranty
- \$100,000 connected equipment insurance (USA & Canada only)

## TYPICAL APPLICATIONS

- Entry-level PCs, point-of-sale equipment, small business phone systems, audio/video and home theater components.

## OPTIONS & ACCESSORIES

- Watchdog software: [WATCHDOGSW](#)
- Wallmount Bracket: [UPSWM](#)
- Circuit Tester: [CT120](#)
- Extended warranties: 3 Year [WEXT3-BCPERS](#), 5 Year [WEXT5-BCPERS](#)
- USB Hubs: [U222-004-R](#), [U202-004-R](#), [U203-004-R](#), [U205-004-R](#)
- USB Extension Cables: [U004-006](#), [U004-006-R](#), [U004-010](#), [U004-010-R](#), [U005-010](#)
- Dataline protectors: [DNET1](#) [DTEL2](#), [DCATV](#)

## PACKAGE INCLUDES

- BCPERS450 UPS System
- Warranty information
- Instruction manual

## COMPLETE SPECIFICATIONS

### SYSTEM OVERVIEW

<b>System overview:</b>	Standby tower UPS protects PCs and network workstations from blackouts, surges and line noise. Maintains AC output during blackouts and brownouts starting at 99V. Includes front panel LED indicators and USB port for auto shutdown.
<b>Voltage compatibility:</b>	120V AC
<b>Frequency compatibility:</b>	60Hz

### OUTPUT

<b>Output volt amp capacity (VA):</b>	450
<b>Output watt capacity (watts):</b>	280
<b>Output nominal voltage:</b>	120V AC (line mode) / 115V AC (battery mode)
<b>Output voltage regulation:</b>	PWM sine wave 115V +/-5% (battery mode)
<b>Output frequency regulation:</b>	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
<b>Outlet quantity / type:</b>	3 NEMA 5-15R

### INPUT

<b>Maximum input amps:</b>	3.1A
<b>Input connection type:</b>	NEMA 5-15P
<b>Input cord length:</b>	6 ft., 18 gauge
<b>Recommended electrical service:</b>	15A 120V

### BATTERY

<b>Full load runtime:</b>	5 minutes (450VA)
<b>Half load runtime:</b>	17 minutes (225VA)
<b>DC system voltage:</b>	12 VDC
<b>Typical battery lifespan:</b>	3-6 years, depending on usage
<b>Battery recharge rate:</b>	Less than 3.5 hours to 90%
<b>Replacement Battery Cartridge:</b>	RBC51

### LEDS ALARMS & SWITCHES

<b>Front panel LEDs:</b>	3 front panel LEDs indicate line power status, battery power status and battery low/replace status
<b>Alarms:</b>	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound

when approximately 2 minutes runtime remain.

**Switches:**

Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button

**SURGE / NOISE SUPPRESSION**

**AC surge suppression:** 252 joules

**AC suppression response time:** Instantaneous

**EMI / RFI AC noise suppression:** Yes

**PHYSICAL**

**Shipping weight (lbs):** 13

**Shipping weight (kg):** 28.6

**Unit weight (lbs):** 12

**Unit weight (kg):** 5.4

**Unit Dimensions (HWD/in):** 8.5 x 5.25 x 7

**Unit Dimensions (HWD/cm):** 21.6 x 13.3 x 17.8

**Shipping Dimensions (HWD/in):** 12 x 8.25 x 10

**Shipping Dimensions (HWD/cm):** 30.5 x 21 x 25.4

**Material of construction:** PVC

**Form factors supported:** Tower

**Cooling method:** Convection

**Battery Access:** Battery access door allows user replacement of UPS batteries. Hot-swappable battery replacement supported.

**ENVIRONMENTAL**

**Operating Temperature:** +32 to +104 degrees Fahrenheit  
0 to +40 degrees Celsius

**Storage Temperature:** +5 to +122 degrees Fahrenheit  
-15 to +50 degrees Celsius

**Relative Humidity:** 0 to 95%, non-condensing

**COMMUNICATIONS**

**Network monitoring port:** USB

**Software and cabling included:** USB cabling is user supplied, PowerAlert software is available as a free download from [www.tripplite.com](http://www.tripplite.com)

**WatchDog compatibility:** Yes, 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

**LINE / BATTERY TRANSFER**

**Transfer time from line power to battery mode:** 2-4 milliseconds

**Low voltage transfer to battery power:** Switches to battery power as line voltage decreases to 99 volts or less. Resets to line power mode as line voltage increases to 104V or higher

**High voltage transfer to battery power:** Yes

**CERTIFICATIONS**

**Certifications:** Tested to UL1778 (USA), CSA (Canada), Class B (Emissions), NOM (Mexico)

**WARRANTY**

**Optional coverage:** 3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.

<b>Product warranty:</b>	2 year product warranty
<b>Connected equipment insurance (USA and Canada Only):</b>	\$100,000 connected equipment insurance (USA and Canada only)
<b>SPECIAL FEATURES</b>	
<b>Cold Start:</b>	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
<b>Appearance:</b>	Attractive gray tower UPS

*The policy of Tripp Lite is one of continuous improvement.  
Specifications are subject to change without notice.  
Therefore, your product may vary slightly from what is currently listed.*



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