

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
- ▶ 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. 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
- 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

- Dataline protectors: [DNET1](#), [DTEL2](#), [DCATV](#)
- Wallmount Bracket: [UPSWM](#)
- Circuit Tester: [CT120](#)
- Extended warranties: 3 Year [WEXT3-BCPERS](#), 5 Year [WEXT5-BCPERS](#)

PACKAGE INCLUDES

- BCPERS450 UPS System

- Warranty information
- Instruction manual

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview:	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.
Voltage compatibility:	120V AC
Frequency compatibility:	60Hz

OUTPUT

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

INPUT

Maximum input amps:	2.6A / 305 watts
Input connection type:	NEMA 5-15P
Input cord length:	6 ft., 18 gauge
Recommended electrical service:	15A 120V

BATTERY

Full load runtime:	5 minutes (450VA)
Half load runtime:	17 minutes (225VA)
DC system voltage:	12 VDC
Typical battery lifespan:	3-6 years, depending on usage
Battery recharge rate:	2-4 hours to 90%
Replacement Battery Cartridge:	RBC51

LEDS ALARMS & SWITCHES

Front panel LEDs:	3 front panel LEDs indicate line power status, battery power status and battery low/replace status
Alarms:	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:	400 joules
AC suppression response time:	Instantaneous
Dataline suppression:	-
EMI / RFI AC noise suppression:	Yes

PHYSICAL

Shipping weight (lbs):	15
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Shipping weight (kg):	6.8
Unit weight (lbs):	14.4
Unit weight (kg):	6.5
Unit Dimensions (HWD/in):	8.75 x 5.25 x 6.75
Unit Dimensions (HWD/cm):	22.2 x 13.3 x 17.1
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:	-
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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 C22.2 No. 107.3 (Canada), Class B (Emissions), NOM (Mexico)
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WARRANTY

Optional coverage:	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.
Product warranty:	2 year product warranty
Connected equipment insurance (USA and Canada Only):	\$100,000 connected equipment insurance (USA and Canada only)

SPECIAL FEATURES

Cold Start:	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance:	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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