



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 UPS
- Maintains 120V nominal output during blackouts
- Includes USB port and status LEDs
- Input: NEMA 5-15P (120V 15A) / Output: 3 NEMA 5-15R (120V)
- \$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 and Free 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 4 minutes battery runtime with a full load of 450VA and 15 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, Puerto Rico, & Canada only).

Package Includes

- BCPERS450 UPS System
- Warranty information
- Instruction manual

Features

- 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 4 minutes
- Supports a half load of 225VA/140 watts for 15 minutes
- Supplies battery derived AC output during brownouts starting at 99 volts
- Attractive small footprint gray tower configuration
- USB port and Free PowerAlert software offer safe unattended shutdown without data loss during extended outages
- 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, Puerto Rico, & Canada only)

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 min. (280w)
Half load runtime (minutes)	15 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
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 (U.S., Canada & Puerto Rico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Product Type	Related Model	Description	Qty.
Extended Warranties	WEXT5-BCPERS	5-Year Extended Warranty - For BC Personal Models	-
Wallmount Bracket	UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	-
Software	WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	-
Audio Cables	CT120	Instant-Read- AC Outlet Circuit Tester	-
USB Cables & Adapters	U012-006	6-ft. USB A/B Cable (Adjustable Right Angle A Male to B Male Connector)	-
Surge Protectors	DNET1	Network Surge Suppressor - Essential protection for data and communication lines	-
USB Hubs/Accessories	U222-004-R	4-Port USB2.0 Ultra-Mini Hub	-
Surge Protectors	DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	-

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4.

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