BC Personal 120V 450VA 280W Standby UPS, Tower, USB port, 3 Outlets

MODEL NUMBER: **BCPERS450**





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

Package Includes

- BCPERS450 UPS System
- Instruction manual

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.

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 tripplite.eaton.com/products/power-alert
- 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), 15 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 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
- Optional PDUB15 bypass PDU enable hot-swappable UPS replacement with no disruption to connected equipment
- Small tower housing supports desk or floor placement

Specifications

OVERVIEW	
UPC Code	037332033116
UPS Type	Standby
INPUT	
Input Phase	Single-Phase
Rated input current (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
OUTPUT	
Output Capacity (VA)	450
Output Capacity (Watts)	280
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
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
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(3) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Runtime Full Load (min.)	4.6 min. (280w)
Runtime Half Load (min.)	15 min. (140w)
Expandable Runtime	No

DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 3.6 hours from 10% to 90%
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	RBC51
Battery Replacement Description	Hot-swappable, user replaceable batteries
USER INTERFACE, ALERTS & CONTROLS	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
LED Indicators	3 LEDs indicate line power, battery power and battery low/replace status
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	252
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Tower
Installation Form Factors Supported with Included Accessories	Tower
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary UPS Depth (mm)	178
Primary UPS Height (mm)	216
Primary UPS Width (mm)	132
Shipping Dimensions (hwd / in.)	12.20 x 8.10 x 9.60
Shipping Dimensions (hwd / cm)	30.99 x 20.57 x 24.38
Shipping Weight (lbs.)	13.00
Shipping Weight (kg)	5.90
UPS Housing Material	PVC
UPS Power Module Dimensions (hwd, cm)	21.59 x 13.21 x 17.78
UPS Power Module Dimensions (hwd, in.)	8.5 x 5.2 x 7
UPS Power Module Weight (kg)	5.44
UPS Power Module Weight (lbs.)	12

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)	68
AC Mode Efficiency Rating (100% Load)	94%
COMMUNICATIONS	
PowerAlert Software	For local monitoring via the UPS's built-in communication ports, download PowerAlert software at https://tripplite.eaton.com/products/power-alert
Communications Cable	USB cable is user supplied
WatchDog Compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
Network UPS Tools (NUT) Compatibility	NUT compatible. See the full list of Tripp Lite NUT compatible UPS systems at https://www.networkupstools.org/stable-hcl.html?manufacturer=Tripp Lite
Communications Interface	USB (HID enabled)
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)
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Hot swappable batteries
APPLICATIONS	
UPS Applications	Computer/Peripherals
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$100,000 Ultimate Lifetime Insurance

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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