

# BC Pro UPS System

## Standby UPS System



### Model #: BCPRO850

- ▶ 850VA standby, tower UPS system
- ▶ Offers battery derived AC output during blackouts and brownouts starting at 99V
- ▶ 6 protected AC outlets (NEMA 5-15R)
- ▶ USB communications port and cabling for use with free PowerAlert monitoring software
- ▶ \$200,000 Ultimate Lifetime Insurance (USA & Canada only)

## DESCRIPTION

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Tripp Lite's BCPRO850 standby UPS system offers surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. UPS inverter and auto-transfer circuits maintain battery derived AC output during power failures and brownouts so that connected equipment can be safely shutdown without data loss. Includes 6 battery supported AC outlets. USB monitoring port enables optional unattended system shutdown in the case of extended power failure. PowerAlert UPS monitoring and shutdown software available via free download from [www.tripplite.com](http://www.tripplite.com). Built-in audible alarm and 5 front panel LEDs indicate line power, battery power, low/high input voltage detected, overload and battery low/replace status. 850VA / 600 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Offers 9 minutes battery runtime with a full load of 850VA and 26 minutes with a half load of 425VA. Offers up to 55 minutes runtime with a single desktop computer and 15 inch monitor. Supports user battery replacement via built-in access panel. 2 year warranty. \$200,000 connected equipment insurance (USA & Canada only).

## KEY BUYING POINTS

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- BCPRO850 standby UPS system offers battery support during blackouts and brownouts, plus AC line surge suppression
- Maintains user productivity during utility power problems enabling a safe system shutdown without data loss
- Supports a max load of 850VA/600 watts for 9 minutes
- Supports a half load of 425VA/300 watts for 26 minutes
- Offers extended runtime operation of up to 55 minutes when used with a single desktop PC and 15 inch monitor
- Supplies battery derived AC output during brownouts starting at 99 volts
- Attractive gray small footprint upright tower configuration
- Includes 6 battery supported NEMA 5-15R output receptacles, 6 foot AC line cord (NEMA 5-15P input connection)
- Built-in USB port enables unattended shutdown without data loss during extended power failures
- Communications port supports on battery, low battery and power restored messaging - plus additional data regarding AC line voltage and battery charge level
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- PowerAlert UPS monitoring and shutdown software available via free download from <http://www.tripplite.com>
- Two front panel switches support power off/on control, alarm cancel and UPS self test functions
- Built-in audible alarm and 5 front panel LEDs indicate line power, battery power, battery low/replace and overload status
- 850VA power handling ability supports a variety of computer, internetworking, telecom and overload status
- Supports hot swappable user battery replacement via built-in access panel
- Compatible with 120V / 60Hz applications
- UL1778 listed (USA), cUL (Canada), NOM (Mexico), FCC Class B
- 2 year manufacturers warranty
- \$200,000 connected equipment insurance (USA & Canada only)

## TYPICAL APPLICATIONS

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- Personal computers, network workstations, small & mid-size business telephone/voicemail systems, home office workstations, small-business servers, hubs, routers and more.

## OPTIONS & ACCESSORIES

- [DNET1](#) Dataline protection module protects 10/100 baseT network ethernet line
- [DTEL2](#) Dataline protection module protects 2 dialup phone lines
- Wallmount Bracket: UPSWM / Circuit Tester: [CT120](#)
- USB Hubs-accessories: [U202-004-R](#), [U205-004-R](#), DUSB, [U022-010](#)
- Watchdog software: WATCHDOGSW

## PACKAGE INCLUDES

- BCPRO850 UPS System
- USB cable
- Warranty information
- Instruction manual

## COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	Standby tower UPS protects PCs, network workstations and other sensitive electronic equipment from blackouts, surges and line noise. Maintains AC output during blackouts and brownouts starting at 99V. Includes USB monitoring port, complete cabling and front panel LED indicators. PowerAlert monitoring software available via free download.
Voltage compatibility:	120V AC
Frequency compatibility:	60Hz
OUTPUT	
Output volt amp capacity (VA):	850
Output watt capacity (watts):	600
Output nominal voltage:	120V AC
Output voltage regulation:	BATTERY MODE: PWM sine wave output 115V +/-5%
Output frequency regulation:	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type:	6 NEMA 5-15R
INPUT	
Maximum input amps / watts:	5.8A / 650 watts
Input connection type:	NEMA 5-15P
Input cord length:	6 ft., 16 gauge
Recommended electrical service:	15A 120V
BATTERY	
Full load runtime:	9 minutes (850VA)
Half load runtime:	26 minutes (425VA)
DC system voltage:	18 V DC
Typical battery lifespan:	3-6 years, depending on usage
Battery recharge rate:	2-4 hours to 90%
LEDS ALARMS & SWITCHES	
Front panel LEDs:	5 front panel LEDs indicate line power status, battery power status, battery low/replace status, low/high input voltage detected and overload 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.
<b>Switches:</b>	Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button
<b>SURGE / NOISE SUPPRESSION</b>	
<b>AC surge suppression:</b>	Conforms to IEEE 587 / ANSI C62.41 specifications
<b>AC suppression response time:</b>	Instantaneous
<b>EMI / RFI AC noise suppression:</b>	Yes
<b>PHYSICAL</b>	
<b>Shipping weight (lbs):</b>	30.5
<b>Shipping weight (kg):</b>	13.8
<b>Unit weight (lbs):</b>	28.6
<b>Unit weight (kg):</b>	13
<b>Unit Dimensions (HWD/in):</b>	11.75 x 7.25 x 7.25
<b>Unit Dimensions (HWD/cm):</b>	29.8 x 18.4 x 18.4
<b>Material of construction:</b>	Polycarbonate
<b>Form factors supported:</b>	Tower, wall mountable with optional UPSWM accessory
<b>Cooling method:</b>	Convection
<b>Battery Access:</b>	Battery access door allows user replacement of UPS batteries
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature:</b>	+32 to +104 degrees Fahrenheit 0 to +40 degrees Celsius
<b>Storage Temperature:</b>	+5 to +122 degrees Fahrenheit -15 to +50 degrees Celsius
<b>Relative Humidity:</b>	0 to 95%, non-condensing
<b>COMMUNICATIONS</b>	
<b>Network monitoring port:</b>	Built-in USB port supports on battery, low battery, power restored, AC line voltage, DC battery voltage and battery capacity messaging.
<b>Software and cabling included:</b>	PowerAlert software available for free download at <a href="http://www.tripplite.com">www.tripplite.com</a> , cable included
<b>WatchDog compatibility:</b>	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
<b>LINE / BATTERY TRANSFER</b>	
<b>Transfer time from line power to battery mode:</b>	2-4 milliseconds
<b>Low voltage transfer to battery power:</b>	Switches to battery power as line voltage decreases to 99 volts or less. Resets back to line power mode as line voltage increases to 104V or higher.
<b>High voltage transfer to battery power:</b>	Yes
<b>CERTIFICATIONS</b>	
<b>Certifications:</b>	UL1778 (USA), cUL (Canada), FCC Class B (emissions), NOM (Mexico)
<b>WARRANTY</b>	
<b>Optional coverage:</b>	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</b>	\$200,000 connected equipment insurance (USA and Canada only)

<b>Canada Only):</b>	
<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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