

## Standby UPS 450VA 255W - 8 5-15R Outlets, 120V, 50/60 Hz, 5-15P Plug, Desktop/Wall Mount

MODEL NUMBER: BC450



Compact desktop UPS with silent alarm provides battery backup support for your home/office network system or digital signage components.

### Features

#### Compact Desktop 450VA/255W Battery Backup for PCs, Home Theater and Digital Signage

The standby BC450 UPS system provides reliable battery backup and AC power protection against blackouts, brownouts, overvoltages, surges and line noise that can damage valuable electronics or destroy data. The eight-outlet 120V battery backup is ideal protection for your home office, media center or professional kiosk, security and small-business applications, including computers, routers, printers, HDTVs, Blu-ray players, game consoles, ATMs, security systems, phone systems, wireless hotspots and digital signage equipment.

#### Allows Time to Back Up Critical Files During a Blackout

Backup support allows you to work through short power failures and gives you enough time to safely save files and shut down your system in case of a prolonged blackout. Backup time varies according to load, but the BC450 should keep an energy-efficient desktop computer with small LCD monitor powered as long as 18 minutes. During normal operation, incoming utility power keeps the replaceable internal battery fully charged, so backup power will always be available.

#### Automatically Turns Back On After Power Is Restored

Battery-independent restart ensures automatic UPS power-up without user interaction after lengthy power outages, even when batteries are expired and require replacement.

#### 8 NEMA 5-15R Outlets Protect Your Computer and Other Connected Components

Four 5-15R outlets provide battery backup and surge protection for your computer, monitor and other crucial components. The other four 5-15R outlets provide surge suppression only for printers, scanners, speakers and other desktop equipment regarded as non-essential during a blackout.

#### 316 Joules Fight Back Against Unexpected Power Surges

A 316-joule surge suppression rating protects connected components from the harmful effects of power surges.

#### Combats Electromagnetic Interference That Can Harm Equipment

Various electromagnetic and radio sources found in virtually every home and business can cause disruptive interference on the AC line. Known as EMI (electromagnetic interference) and RFI (radio frequency interference), this line noise is a common cause of performance problems and can lead to

### Highlights

- Protects equipment against blackouts, brownouts, overvoltages, surges and line noise
- Battery backup allows time to save files and safely shut down during blackouts
- Alarm remains silent in battery mode; sounds to report low battery and overloads
- High >98% efficiency reduces BTU emissions, saves power and lowers energy costs
- Battery-independent restart ensures automatic UPS power-up after power outages

### Applications

- Protect your PC and other sensitive electronics against power surges, line noise, brownouts, overvoltages and blackouts
- Operate essential equipment during short-term power outages using battery backup power
- Shut down desktop PCs and other equipment without data loss during long-term power outages

### Package Includes

- BC450 120V 450VA 255W Standby UPS with 8 Outlets
- Owner's manual



incremental hardware damage, data corruption and audio/video transmission problems. The BC450 incorporates technology that filters out disruptive line noise so that it won't affect your equipment.

#### **Home-Friendly Alarm and Diagnostic LED Report Real-Time Status**

The UPS remains silent in both line and battery backup modes. The alarm sounds only to report low battery, excessive load or fault condition. An LED indicator points out operating mode and fault status at a glance.

#### **High-Efficiency Operation Helps You Save Energy and Cut Costs**

A high >98% efficiency rating reduces BTU emissions, energy consumption and, ultimately, your energy costs.

#### **Compact Housing for Convenient Installation Almost Anywhere**

The space-saving ABS housing fits on a desktop, shelf or anywhere else convenient to your workstation or home theater. Keyhole mounting tabs on the rear allow easy wall-mount installation. The five-foot power cord with NEMA 5-15P plug connects to any compatible AC outlet.

## Specifications

OVERVIEW	
UPC Code	037332238283
OUTPUT	
Output Volt Amp Capacity (VA)	450
Output Watt Capacity (Watts)	255
Nominal Voltage Details	120v nominal output in battery mode
Frequency Compatibility	50 / 60 Hz
Output Voltage Regulation (Line Mode)	120V (±20%)
Output Voltage Regulation (Battery Mode)	120V (±10%)
UPS Output Receptacles (Surge Suppression Only)	4 UPS outlets, 4 surge-only outlets
Output AC Waveform (AC Mode)	Pure sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(8) 5-15R
Individually Controllable Load Banks	No
INPUT	
Rated input current (Maximum Load)	6A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P



Input Circuit Breakers	7A
UPS Input Cord Length (ft.)	5
UPS Input Cord Length (m)	1.5
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
<b>BATTERY</b>	
Full Load Runtime (min.)	1.5 min. (255w)
Half Load Runtime (min.)	6.9 min. (127.5w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	6.5 hours (10% to 90%)
Battery Access	Battery access door
Battery Replacement Description	Replaceable internal batteries (see manual)
Expandable Runtime	No
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Switches	Power off/on switch
Audible Alarm	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions
LED Indicators	1 Status LED reports operating mode and fault status
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	316
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount
Primary Form Factor	Desktop
UPS Power Module Dimensions (hwd, in.)	4.13 x 4.33 x 7.28
UPS Power Module Weight (lbs.)	3.96
UPS Power Module Weight (kg)	1.80
Shipping Dimensions (hwd / in.)	7.36 x 5.67 x 10.86
Shipping Weight (kg)	2.00
UPS Housing Material	ABS



Primary UPS Height (mm)	105
Primary UPS Width (mm)	110
Primary UPS Depth (mm)	185
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +113 degrees Fahrenheit / -15 to +45 degrees Celsius
Relative Humidity	0 to 90%, non-condensing
AC Mode BTU / Hr. (Full Load)	13.1
AC Mode Efficiency Rating (100% Load)	>98%
Operating Elevation (ft.)	Up to 10,000 ft.
Operating Elevation (m)	Up to 3000m
<b>COMMUNICATIONS</b>	
Communications Interface	None
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	6 milliseconds typical (10 milliseconds max)
Low Voltage Transfer to Battery Power (Setpoint)	95
High Voltage Transfer to Battery Power (Setpoint)	145
<b>SPECIAL FEATURES</b>	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Battery Independent Restart
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
UPS Certification Details	UL1778: 2014 5th EDITION; CAN/CSA-C22.2 NO. 107.3:2014 3rd EDITION; FCC CLASS B; RETIE (Colombia)
<b>WARRANTY</b>	
Product Warranty Period (U.S. & Canada)	2-year limited warranty
Product Warranty Period (Latin America)	2-year limited warranty
Product Warranty Period (International)	2-year limited warranty



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Product Warranty Period (Mexico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$100,000 <a class="insuranceLink" href="//www.tripplite.com/support/insurance-policy">Ultimate Lifetime Insurance</a>

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