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.

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 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

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

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

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
UPS Type	Standby
INPUT	
Input Phase	Single-Phase
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
OUTPUT	
Output Capacity (VA)	450
Output Capacity (kVA)	0.45
Output Capacity (Watts)	255
Output Capacity (kW)	0.255
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
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	1.5 min. (255W)
Runtime Half Load (min.)	6.9 min. (128W)
Expandable Runtime	No
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)
USER INTERFACE, ALERTS & CONTROLS	
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
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	316
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Primary Form Factor	Desktop
Installation Form Factors Supported with Included Accessories	Tower; Ultra-compact desktop; Wallmount
Primary UPS Depth (mm)	185
Primary UPS Height (mm)	105
Primary UPS Width (mm)	110
Shipping Dimensions (hwd / in.)	7.36 x 5.67 x 10.86
Shipping Weight (kg)	2.11
UPS Housing Material	ABS

UPS Power Module Dimensions (hwd, in.)	4.13 x 4.33 x 7.28
UPS Power Module Weight (kg)	1.80
UPS Power Module Weight (lbs.)	3.96
Unit Weight (lbs.)	3.960
Unit Weight (kg)	1.80
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 113°F (-15° to 45°C)
Relative Humidity	0 to 90%, non-condensing
AC Mode BTU / Hr. (Full Load)	13.1
AC Mode Efficiency Rating (100% Load)	>98%
COMMUNICATIONS	
Network Management Card Description	Network management not supported
Communications Interface	None
LINE / BATTERY TRANSFER	
Transfer Time	6 milliseconds typical (10 milliseconds max)
Low Voltage Transfer to Battery Power (Setpoint)	95
High Voltage Transfer to Battery Power (Setpoint)	145
FEATURES & SPECIFICATIONS	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
High Availability UPS Features	Surge/noise protection
Green Energy-Saving Features	Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Computer/Peripherals; Retail/Point of Sale; Hospitality
STANDARDS & COMPLIANCE	
Product Certifications	ICES (Canada); RETIE (Colombia); CSA (Canada); CAN/CSA-C22.2 No. 107.3 (Canada); UL 1778
Product Compliance	RoHS; FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
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
Product Warranty Period (Mexico)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$100,000 Ultimate Lifetime Insurance

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