

# Specifications

## Eaton BC450

Standby UPS 450VA 255W - 8 5-15R Outlets, 120V, 50/60 Hz, 5-15P Plug, Desktop/Wall Mount - Not for sale in California until further notice.

### General specifications

<b>PRODUCT NAME</b>	Eaton Tripp Lite series UPS
<b>CATALOG NUMBER</b>	BC450
<b>UPC</b>	037332238283
<b>PRODUCT LENGTH/DEPTH</b>	10.86 in
<b>PRODUCT HEIGHT</b>	7.36 in
<b>PRODUCT WIDTH</b>	5.67 in
<b>PRODUCT WEIGHT</b>	3.96 lb
<b>COMPLIANCES</b>	RoHS FCC Class B
<b>CERTIFICATIONS</b>	UL 1778 CSA certified CSA Std. C22.2 ICES RETIE NOM
<b>GLOBAL CATALOG</b>	BC450
<b>PRODUCT TYPE</b>	UPS



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## Product specifications

<b>TOPOLOGY</b>	Standby
<b>RACK SIZE</b>	0U
<b>VA RATING</b>	450 VA
<b>PACKAGE CONTENTS</b>	<ul style="list-style-type: none"><li>• BC450 120V 450VA 255W Standby UPS with 8 Outlets</li><li>• Owner's manual</li></ul>
<b>INPUT NOMINAL VOLTAGE</b>	120V AC
<b>NOMINAL FREQUENCY</b>	50/60 Hz
<b>INPUT FREQUENCY RANGE</b>	50/60 Hz
<b>RECEPTACLE</b>	5-15R
<b>OUTPUT NOMINAL VOLTAGE</b>	110 / 120V
<b>ELECTRIC CURRENT - MAX</b>	<ul style="list-style-type: none"><li>• 6A</li><li>• 6</li></ul>
<b>BATTERY TYPE</b>	Valve Regulated Lead Acid (VRLA)
<b>RUNTIME AT HALF LOAD</b>	6.9 min
<b>RELATIVE HUMIDITY</b>	0-90% non-condensing
<b>INPUT PLUG TYPE</b>	NEMA 5-15P
<b>OUTPUT RECEPTACLES</b>	5-15R
<b>NOMINAL OUTPUT VOLTAGE</b>	110V 115V 120V
<b>NETWORK MANAGEMENT CARDS DETAILS</b>	Network management not supported
<b>PHASE (INPUT)</b>	Single-phase
<b>RUNTIME AT FULL LOAD</b>	1.5 min. (255W)
<b>COMMUNICATION INTERFACE</b>	None
<b>BATTERY ACCESS</b>	Battery access door
<b>DC VOLTAGE</b>	12
<b>OPERATING TEMPERATURE RANGE</b>	32° to 104°F (0° to 40°C)
<b>INPUT CIRCUIT BREAKERS</b>	7A
<b>HIGH VOLTAGE TRANSFER TO BATTERY POWER</b>	145

## Resources

<b>BROCHURES</b>	<a href="#">ENERGY STAR 2.0 Compliant UPS Systems in Colorado, Vermont and Washington State</a> <a href="#">Industrial Cobots (Collaborative Robots) Application Bulletin</a>
<b>MANUALS AND USER GUIDES</b>	<a href="#">Owner's Manual for Standby UPS Systems (Multi-language)</a>
<b>TECHNICAL DATA SHEETS</b>	<a href="#">Runtime Chart for UPS Model BC450</a>

<b>LOW VOLTAGE TRANSFER TO BATTERY POWER</b>	95
<b>APPLICATION</b>	<ul style="list-style-type: none"> <li>• Computer/Peripherals</li> <li>• Retail/Point of Sale</li> <li>• Hospitality</li> </ul>
<b>SWITCH CONFIGURATION</b>	Power off/on switch
<b>AC SUPPRESSION JOULE RATING</b>	316
<b>HOUSING MATERIAL</b>	ABS
<b>OUTPUT AC WAVEFORM (AC MODE)</b>	Pure sine wave
<b>OUTPUT AC WAVEFORM (BATTERY MODE)</b>	PWM sine wave
<b>OUTPUT CAPACITY (KVA)</b>	0.45
<b>OUTPUT CAPACITY (WATTS)</b>	255
<b>PRIMARY UPS DEPTH (MM)</b>	185
<b>PRIMARY UPS HEIGHT (MM)</b>	105
<b>PRIMARY UPS WIDTH (MM)</b>	110
<b>AC SUPPRESSION RESPONSE TIME</b>	Instantaneous
<b>AUDIBLE ALARMS</b>	UPS remains silent in battery backup mode; Alarm sounds only to report low-battery, fault, overload and replace-battery conditions
<b>BATTERY START CAPABILITY</b>	Cold-start operation supported
<b>BATTERY REPLACEMENT DESCRIPTION</b>	Replaceable internal batteries (see manual)
<b>LED INDICATORS</b>	1 Status LED reports operating mode and fault status
<b>OUTPUT VOLTAGE REGULATION (LINE MODE)</b>	120V (±20%)
<b>OUTPUT VOLTAGE REGULATION(BATTERY MODE)</b>	120V (±10%)
<b>RECHARGEABLE BATTERY</b>	6.5 hours (10% to 90%)

<b>RECOMMENDED ELECTRICAL SERVICE</b>	15A 120V
<b>STORAGE TEMPERATURE</b>	5° to 113°F (-15° to 45°C )
<b>NOMINAL VOLTAGE DETAILS</b>	120v nominal output in battery mode
<b>MAXIMUM INPUT AMPS</b>	6
<b>UPS INPUT CORD LENGTH (M)</b>	1.5
<b>UPS POWER MODULE DIMENSIONS</b>	4.13 x 4.33 x 7.28
<b>POWER MODE TRANSFER TIME</b>	6 milliseconds typical (10 milliseconds max)
<b>TOTAL OUTLETS</b>	8
<b>OUTPUT CAPACITY (VA)</b>	450
<b>CONNECTED EQUIPMENT INSURANCE</b>	\$100,000 Ultimate Lifetime Insurance
<b>EMI AC NOISE SUPPRESSION</b>	EMI / RFI AC Noise Suppression
<b>UPS INPUT CONNECTION TYPE</b>	5-15P
<b>GREEN ENERGY-SAVING FEATURES</b>	Greater than 95% efficiency - GREEN UPS
<b>UPS OUTPUT RECEPTACLES</b>	4 UPS outlets, 4 surge-only outlets
<b>HIGH AVAILABILITY UPS FEATURES</b>	Surge/noise protection
<b>NOMINAL INPUT VOLTAGE SUPPORTED</b>	120V AC

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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