

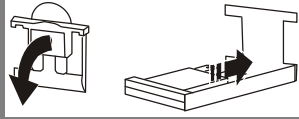
1 Place and Power On

1 Place the Back-UPS to avoid:

- Direct sunlight
- Excessive heat
- Excessive moisture



2 Connect the battery by pulling the battery connector handle down, and then pushing it into the unit.

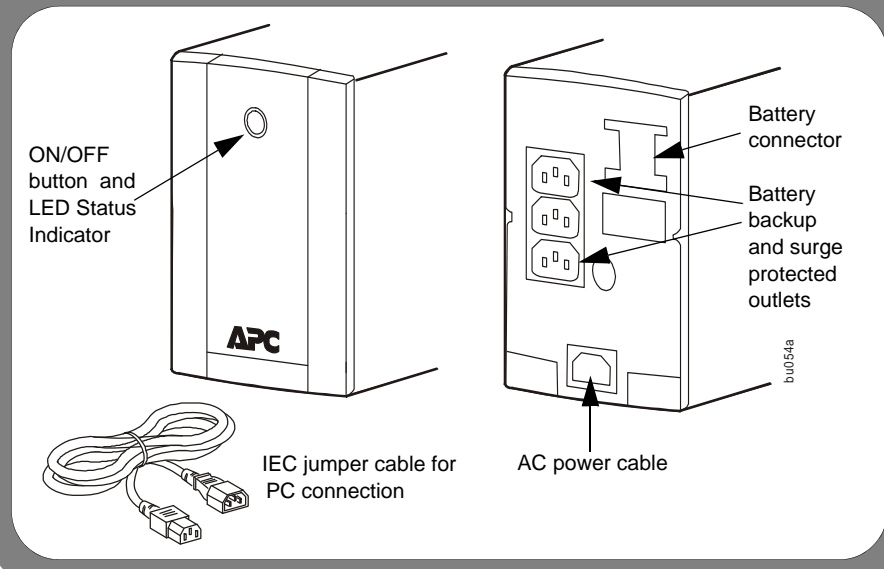


3 Plug the Back-UPS BX500CI power cord directly into a wall outlet; not into a surge protector or power strip.

4 Press the ON/OFF button to turn on the unit.

The green LED status indicator confirms that the Back-UPS is on and ready to provide protection.

The Back-UPS should charge for at least 10 hours to ensure sufficient runtime. The unit is being charged whenever it is connected to AC power, whether the unit is turned ON or OFF.



2 Adjust Transfer Voltage and Sensitivity Settings

Automatic Voltage Regulation boosts the AC voltage when it drops below safe levels. This allows the equipment plugged into the unit to operate during low voltage conditions, conserving the battery power in the event of a power cut.

The Back-UPS will switch to battery power if the input voltage level becomes too low for the Automatic Voltage Regulation to compensate, or if the AC power is distorted.

If the Back-UPS switches to battery power too frequently or too infrequently, adjust the transfer voltage and sensitivity settings:

1. Ensure the Back-UPS is off. Plug it into AC power.
2. Press and hold the ON/OFF button until the LED repeatedly flashes. The unit is now in Program Mode.
3. Release the button. The LED will flash once, twice, or three times per second, indicating the current setting.
4. Press the ON/OFF button within two seconds to change the setting. Each time the button is pressed, the LED will flash at a different rate: once, twice, or three times per second, indicating the new setting. Continue pressing the button until the desired setting is reached. If the button is not pressed within five seconds, the Back-UPS will exit the Program Mode.
5. To exit Program Mode, release the button and wait for the LED to stop flashing.

Transfer Voltage and Sensitivity Settings

LED Flashing	Voltage Sensitivity Setting	Input Voltage Range (for AC Operation)	Usage
Once per second	Low	155 - 280	The Back-UPS will switch to battery power less often. Use with equipment that is not sensitive to low or high level voltage levels or minor voltage waveform distortions.
Twice per second	Medium (factory default)	160 - 280	Default, use in normal conditions.
Three times per second	High	165 - 270	The Back-UPS will switch to battery power during any small fluctuation in voltage. Use with equipment that is sensitive to low or high level voltage levels or minor voltage waveform distortions.

3 Status Indicators

LED Status Indicator	Audible Alarm	Condition
On	Off	On-line - UPS is supplying conditioned AC power to the load
On (Off during 4 beeps)	4 beeps repeated every 30 seconds	On-Battery - Back-UPS is supplying battery power
Flashing	Rapid Beeping (every 1/2 second)	Low Battery Warning - The UPS has 1.5 minutes of remaining battery power
Flashing	Constant tone	Bad Battery Detected - Battery needs to be charged, or is at end of life.
Off	Short beep every 4 seconds	Low Battery Shutdown - During On Battery operation the battery power was almost completely exhausted
Off	Constant Tone	On Battery Overload - Connected equipment requires more power than provided by the Back-UPS battery.
On	Constant Tone	On Line Overload - The power drawn by the connected equipment exceeds the power capacity of the battery backup
Flashing	Chirp every 2 seconds	Charger Warning - Back-UPS has experienced an internal problem, but continues to power the load. Contact Schneider Electric IT (SEIT) Technical Support.
Off	Constant Tone	Charger Fault - Back-UPS has an internal problem, and is no longer powering the load. Contact SEIT Technical Support

Troubleshooting and Service

1. Consult the Troubleshooting from the APC by Schneider Electric Web site, www.apc.com.
2. If the problem persists, contact Schneider Electric IT (SEIT) Customer Support through the APC by Schneider Electric Web site, www.apc.com.
 - a. Note the model number and serial number and the date of purchase. The model and serial numbers are located on the rear panel of the unit and are available through the LCD display on select models.
 - b. Call SEIT Customer Support and a technician will attempt to solve the problem over the phone. If this is not possible, the technician will issue a Returned Material Authorization Number (RMA#).
 - c. If the unit is under warranty, the repairs are free.
 - d. Service procedures and returns may vary internationally. Refer to the APC by Schneider Electric Web site for country specific instructions.
3. Prepare to troubleshoot the problem over the phone. If this is not successful, and the unit is still under warranty, the Technical Support Representative will provide all necessary information to return the unit for replacement.

4 Specifications

Input	Voltage / Frequency	230 VAC nominal / 45-65 Hz
	Brownout Transfer / Over-voltage Transfer	160 ±8% VAC, typical / 280 VAC, typical
Output	UPS Capacity (total)	500 VA / 300 W
	Voltage On Battery	230 Vac rms
	Frequency - On Battery	50 Hz, 60 Hz ±1 Hz
	Transfer Time	50 Hz: 6ms typical, 10ms maximum 60 Hz: 5ms typical, 8ms maximum
Protection and Filter	AC Surge Protection	273 joules
	AC Input	Resettable circuit breaker
Battery	Type (maintenance-free)	Sealed, lead-acid battery
	Average Life	2 - 5 years depending on the number of discharge cycles and environmental temperature
	Typical Recharge Time	10 Hours
Physical	Net Weight	5.1 kg
	Dimensions (H x W x D)	18.55 cm x 11.5 cm x 21.3 cm

Battery Replacement

The battery in the Back-UPS BX500CI is not user-replaceable. Contact SEIT Technical Support for a list of authorized service centers near you.

Warranty

Register your product on-line. <http://warranty.apc.com>

The standard warranty is two (2) years from the date of purchase. SEIT standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross-ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer.

APC by Schneider Electric IT Customer Support Worldwide

For country specific customer support, go to the APC by Schneider Electric Web site, www.apc.com.