



by Schneider Electric

Quick Start Guide Back-UPS™ BE650G2-UK and BE850G2-UK

Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service or maintain it.

Inspect the package contents upon receipt. Notify the carrier and dealer if there is any damage.

Detailed user documentation is available online:

1. Go to APC by Schneider Electric Web site: www.apc.com/support.
2. Use the search bar to enter the model number of the Back-UPS (BE650G2-UK or BE850G2-UK).
3. On the product page you will have access to the detailed user manual, FAQs, replacement batteries, software updates and more.

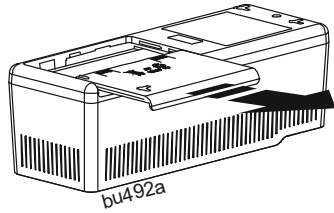
Safety and General Information

- This UPS is for indoor use only.
- Do not operate this UPS in direct sunlight, in contact with fluids, or where there is excessive dust or high humidity.
- Do not operate the UPS near open windows or doors.
- Be sure the air vents on the UPS are not blocked. Allow adequate space for proper ventilation.
Note: Allow a minimum of 20 cm clearance on both front and rear sides of the UPS.
- Environmental factors impact battery life. Elevated ambient temperatures, poor quality utility power, and frequent discharges will shorten battery life. Follow the battery manufacturer recommendations.
- Connect the UPS power cable directly to a wall outlet. Do not use surge protectors or extension cords.
- CAUTION: Before installing or replacing the batteries, remove jewelry such as wristwatches and rings.
High short circuit current through conductive materials could cause severe burns.
- CAUTION: Do not open or mutilate batteries. Released material is harmful to the skin and eyes and may be toxic.

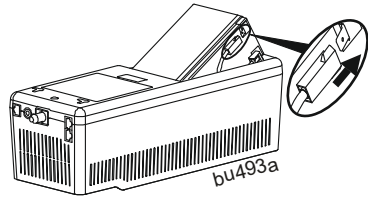
Connect the Battery

1 Remove the “Stop! Connect the Battery” label from the top cover.

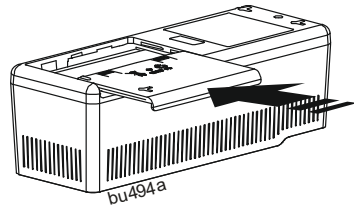
2 Invert the Back-UPS. Press the battery compartment cover and release the tabs. Slide open the battery cover.



3 Connect the battery cable securely to the battery terminal.
Note: It is normal for small sparks to be seen when the battery cable is connected to the battery terminal.

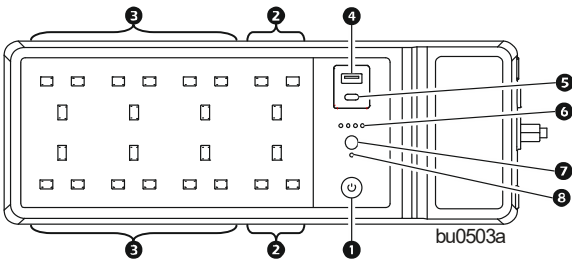


4 Reinstall the battery compartment cover. Be sure that the release tabs lock into place.

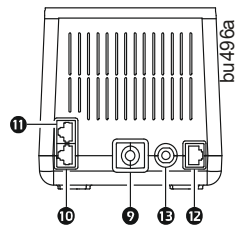


Panel Features

Top Panel



Side Panel



<p>1 POWER ON/OFF button and LED</p>	<p>Use to switch the Back-UPS on or off. The LED illuminates green indicating that power is supplied to the connected equipment both on utility power and on battery.</p>
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2 Surge protection outlets	Surge protection outlets provide protection to connected equipment from power surges or spikes, when the Back-UPS is turned on and connected to utility power. Connect peripheral devices (such as printer, scanner, etc.) that do not need to remain on during power outages or brownout condition, to these outlets.
3 Battery backup + surge protection outlets	Battery backup outlets provide power from the battery for a limited period of time during power outage, or brownout condition. Battery backup outlets provide protection to connected equipment from power surges or spikes, when the Back-UPS is turned on and connected to utility power. Connect a computer, monitor and other peripheral devices which need to remain on during power outages or brownout condition, to these outlets.
4 Type A USB charging port	This USB charging port provides a maximum of 2 A DC power. The port will charge the connected equipment when the Back-UPS is turned on.
5 Type C USB charging port (BE850G2-UK only)	
6 Battery status LED	The four Battery status LEDs indicate the remaining runtime. When battery is fully charged, all four LEDs illuminate.
7 MUTE button	Press MUTE button to Enable or Disable the mute function.
8 Mute status LED	Illuminates when the mute function is enabled.
9 Input power cord	Connect the Input power cord to a wall outlet (utility power). Do not connect the power cord to a surge protector or power strip.
10 DSL/modem network/fax port	Connect a DSL or dial-up modem, phone, fax machine, or 10/100 Base-T Ethernet equipment. Note: Do not connect the UPS telephone protection ports to both the telephone and network system cables at the same time.
11 Wall outlet	Connect the Back-UPS to a data line wall outlet.
12 Data port	Connect a RJ45/USB cable (not supplied) to connect the Back-UPS to a computer for installing the software. See “PowerChute™ Personal Edition Software” on page 4
13 Circuit breaker	Trips when the Back-UPS experiences an overload condition.

Turn On the Back-UPS

Press the POWER ON/OFF button located on the top of the Back-UPS. The **Power on/off** LED will illuminate green and a single short beep will indicate that the Back-UPS is on and providing protection to the connected equipment.

The Back-UPS battery charges to capacity during the first 24 hours while connected to the utility power. The Back-UPS battery will charge while the Back-UPS is turned on or off and as long as it is connected to utility power.

Do not expect the battery to run for its expected capacity during the initial charge period. The UPS will have full runtime capability after the initial charging period.

Turn Off the Back-UPS

Press the POWER ON/OFF button for at least 2 seconds to turn off the Back-UPS. At the first beep, release the button and the UPS will turn off. A 2 second delay has been added to mitigate unintentional contact with the POWER ON/OFF button.

PowerChute™ Personal Edition Software

Overview

Use PowerChute Personal Edition software to configure the UPS settings, protect your computer and other equipment during a utility power outage. During a power outage, PowerChute will save any open files on your computer and shut it down. When utility power is restored, it will restart the computer. **Note:** PowerChute is only compatible with a Windows operating system. If you are using Mac OSX, use the native shutdown feature to protect your system. See the documentation provided with your computer.

Installation

Note: To reduce electronic waste and protect the environment, USB cables are no longer shipped in every box. Order the cable free of charge at <https://www.apc.com/usbcable>.

Use the USB cable to connect the Data port on the UPS to the USB port on your computer. Download PowerChute™ Personal Edition Software from www.apc.com/pcpe. Select the appropriate operating system and follow directions to download the software.

Warranty Registration

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

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.

User Manual Back-UPS™ BE650G2-UK and BE850G2-UK

Important Safety Information

SAVE THESE INSTRUCTIONS - This manual contains important instructions that should be followed during installation and maintenance of the Back-UPS and batteries.

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service or maintain it. The following special messages may appear throughout this document or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to either a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in death or serious injury**.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in death or serious injury**.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in minor or moderate injury**.

NOTICE

NOTICE is used to address practices not related to physical injury.

Product Handling Guidelines



<18 kg
<40 lb



18-32 kg
40-70 lb



32-55 kg
70-120 lb



>55 kg
>120 lb



Safety and General Information

Inspect the package contents upon receipt. Notify the carrier and dealer if there is any damage.

- This UPS is for indoor use only.
- Do not operate this UPS in direct sunlight, in contact with fluids, or where there is excessive dust or high humidity.
- Do not operate the UPS near open windows or doors.
- Be sure the air vents on the UPS are not blocked. Allow adequate space for proper ventilation.

Note: Allow a minimum of 20 cm clearance on both front and rear sides of the UPS.

- Environmental factors impact battery life. Elevated ambient temperatures, poor quality utility power, and frequent discharges will shorten battery life. Follow the battery manufacturer recommendations.
- Connect the UPS power cable directly to a wall outlet. Do not use surge protectors or extension cords.
- The UPS cord shall be connected to an earthed mains socket outlet for safety reasons.

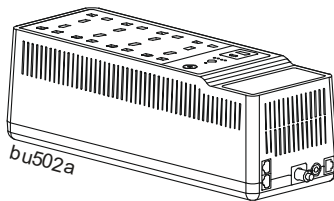
Battery safety

- Servicing of batteries should be performed or supervised by personnel knowledgeable about batteries and required precautions.
- APC by Schneider Electric uses Sealed Maintenance-Free Lead Acid batteries. Under normal use and handling, there is no contact with the internal components of the batteries. Over charging, over heating or other misuse of batteries can result in leakage of battery electrolyte. Released electrolyte is toxic and may be harmful to the skin and eyes.
- **CAUTION:** Before installing or replacing the batteries, remove conductive jewelry such as chains, wrist watches, and rings. High energy through conductive materials could cause severe burns.

- CAUTION: Do not dispose of batteries in a fire. The batteries may explode.
- CAUTION: Do not open or mutilate batteries. Released material is harmful to the skin and eyes and may be toxic.
- CAUTION: A battery can present a risk of electrical shock and high short-circuit current. Failed batteries can reach temperatures that exceed the burn thresholds for touchable surfaces. The following precautions should be observed when working on batteries:
 - Disconnect the charging source prior to connecting or disconnecting battery terminals.
 - Do not wear any metal objects including watches and rings.
 - Do not lay tools or metal parts on top of batteries.
 - Use tools with insulated handles.
 - Wear rubber gloves and boots.
 - Determine if battery is either intentionally or inadvertently grounded. Contact with any part of a grounded battery can result in electric shock and burns by high short-circuit current. The risk of such hazards can be reduced if grounds are removed during installation and maintenance by a skilled person.

Inventory

Back-UPS

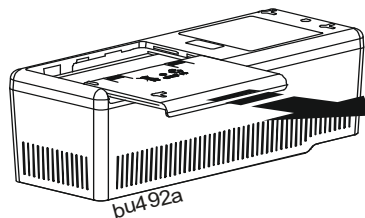


Quick start guide

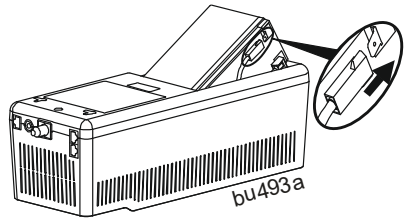


Connect the Battery

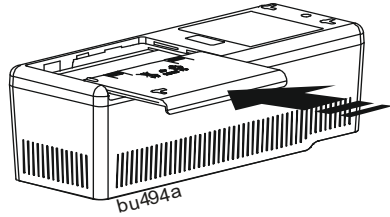
- 1 Remove the “*Stop! Connect Battery*” label from the top cover.
- 2 Invert the Back-UPS. Press the battery compartment cover and release the tabs. Slide open the battery cover.



- 3 Connect the battery cable securely to the battery terminal.
Note: It is normal for small sparks to be seen when the battery cable is connected to the battery terminal.



- 4 Reinstall the battery compartment cover. Be sure that the release tabs lock into place.



Wall Mount Installation

CAUTION

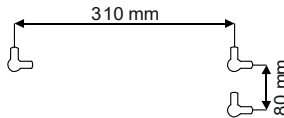
RISK OF FALLING EQUIPMENT

Always practice safe lifting techniques adequate for the weight of the equipment.

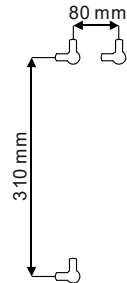
Failure to follow these instructions can result in minor or moderate injury and equipment damage.

- Secure 3 screws of appropriate size (not supplied) as per dimensions shown in the horizontal/vertical mounting illustrations.
- Allow the screw to protrude out 8mm from the wall.
- Mount the Back-UPS on to the screws.

Horizontal mounting

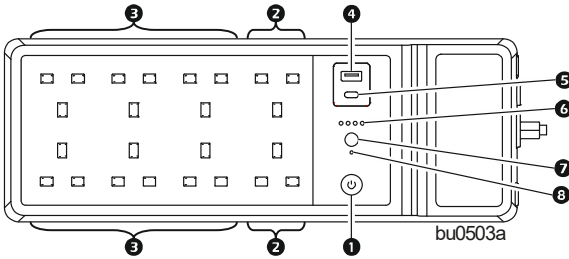


Vertical mounting

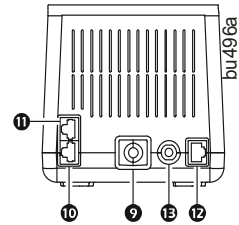


Panel Features

Top Panel



Side Panel



<p>1 POWER ON/OFF button and LED</p>	<p>Use to switch the Back-UPS on or off. The LED illuminates green to indicate that power is supplied to the connected equipment both on utility power and on battery. See “Status Indicators” on page 9 for other status of the Power on/off LED.</p>
<p>2 Surge protection outlets</p>	<p>Surge protection outlets provide protection to connected equipment from power surges or spikes, when the Back-UPS is turned on and connected to utility power. Connect peripheral devices (such as printer, scanner, etc.) that do not need to remain on during power outages or brownout condition, to these outlets.</p>
<p>3 Battery backup + surge protection outlets</p>	<p>Battery backup outlets provide power from the battery for a limited period of time during power outage, or brownout condition. Battery backup outlets provide protection to connected equipment from power surges or spikes, when the Back-UPS is turned on and connected to utility power. Connect a computer, monitor and other peripheral devices which need to remain on during power outages or brownout condition, to these outlets.</p>
<p>4 Type A USB charging port</p>	<p>This USB charging port provides a maximum of 2.4 A DC power. The port will charge the connected equipment when the Back-UPS is turned on.</p>
<p>5 Type C USB charging port (BE850G2-UK only)</p>	<p>This USB charging port provides a maximum of 2.4 A DC power. The port will charge the connected equipment when the Back-UPS is turned on.</p>
<p>6 Battery status LED</p>	<p>The four Battery status LEDs indicate the remaining runtime. When battery is fully charged, all four LEDs illuminate. Refer “Status Indicators” on page 9 for details.</p>
<p>7 MUTE button</p>	<p>Press MUTE button to Enable or Disable the mute function.</p>
<p>8 Mute status LED</p>	<p>Illuminates when the mute function is enabled.</p>
<p>9 Input power cord</p>	<p>Connect the Input power cord to a wall outlet (utility power). Do not connect the power cord to a surge protector or power strip.</p>

10	DSL/modem network/fax port	Connect a DSL or Dial-up modem, Phone, Fax machine, or 10/100 Base-T Ethernet equipment. Note: Do not connect the UPS telephone protection ports to both the telephone and network system cables at the same time.
11	Wall outlet	Connect the Back-UPS to a data line wall outlet.
12	Data port	Connect a RJ45/USB cable (not supplied) to connect the Back-UPS to a computer for installing the software. See “PowerChute™ Personal Edition Software” on page 8 for details.
13	Circuit breaker	Trips when the Back-UPS experiences an overload condition.

Specifications

		BE650G2-UK	BE850G2-UK
Input	Voltage	220 - 240 Vac	
	Frequency	47 to 63 Hz	
	Brownout Transfers	180 Vac Typical	
	Over-voltage Transfer	266 Vac Typical	
Output	UPS Capacity	650 VA, 400 W	850 VA, 520 W
	Battery Backup outlets	2.96 A	3.87 A
	Total Amperage	6 A	
	Voltage - On Battery	230 Vac \pm 8%	
	Frequency - On Battery	50/60 Hz \pm 1 Hz	
	Transfer Time	6 milliseconds Typical, 10 milliseconds maximum	
	USB Port	* Charging Rating	5 V; 2.40 A
Charger compatibility		USB Battery Charging Specification 1.2	
* Power output is dependent on the power drawn by the connected device. Check with the device manufacturer to understand the maximum charging current for a given USB specification.			
Protection and Filtering	AC Surge Protection	Full time, 310 Joules	
	EMI/RFI Filter	Full time	
	Utility Power Input	Resettable circuit breaker	
Battery	Type	Sealed, maintenance-free, lead acid 12 V	
	Average Life	3 - 5 years, depending upon the number of discharge cycles and environmental temperature	
	Charging Time	16 hours. Using the USB port while charging the battery will increase the battery charging time	
Physical	Net Weight	8.8 lb (4 kg)	9.9 lb (4.5 kg)
	Dimensions L x W x H	14.4 in x 5.1 in x 4.7 in 36.5 cm x 13 cm x 12 cm	
	Environmental	Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage Temperature		5 °F to 113 °F (-15 °C to 45 °C)	
Operating Relative Humidity		0 to 95% non-condensing humidity	
International Protection Code		IP20	
Pollution degree		2	
Overvoltage category		II	
Applicable power grid power distribution system		TN Power system	
Applicable standard		IEC 62040-1	

Turn On the Back-UPS

Press the POWER ON/OFF button located on the top of the Back-UPS. The **Power on/off** LED will illuminate green and a single short beep will indicate that the Back-UPS is on and providing protection to the connected equipment.

The Back-UPS battery charges to capacity during the first 24 hours while connected to the utility power. The Back-UPS battery will charge while the Back-UPS is turned on or off and as long as it is connected to utility power. **Do not** expect the battery to run for its expected capacity during the initial charge period. The UPS will have full runtime capability after the initial 24 hour charging period.

Turn Off the Back-UPS

Press the POWER ON/OFF button for at least 2 seconds to turn off the Back-UPS. At the first beep, release the button and the UPS will turn off. A 2 second delay has been added to mitigate unintentional contact with the POWER ON/OFF button.

Mute

The audible alarms of the Back-UPS can be muted. Press the MUTE button to enable or disable the mute function. The **Mute status** LED illuminates when the mute function is enabled.

UPS Self Test

Press and hold the POWER ON/OFF button for 4 to 8 seconds to initiate the UPS Self Test.

PowerChute™ Personal Edition Software

Overview

Use PowerChute Personal Edition software to configure the UPS settings, help protect your computer and other equipment during a utility power outage. During a power outage, PowerChute will save any open files on your computer and shut it down. When utility power is restored, it will restart the computer. **Note:** PowerChute is only compatible with a Windows operating system. If you are using Mac OSX, use the native shutdown feature to help protect your system. See the documentation provided with your computer.

Installation

Note: To reduce electronic waste and help protect the environment, USB cables are no longer shipped in every box. Order the cable free of charge at <https://www.apc.com/usbable>.

Use the USB cable to connect the Data port on the UPS to the USB port on your computer. Download PowerChute™ Personal Edition Software from www.apc.com/pepe. Select the appropriate operating system and follow directions to download the software.

Status Indicators

Visual indicator	Audible indicator	Condition	Audible indicator terminates
Power on/off LED illuminates green	None	Power On - The Back-UPS is supplying utility power to the connected equipment.	Not applicable.
Power on/off LED flashes green twice every 2 seconds	4 beeps approx. every 40 seconds.	On Battery - The Back-UPS is supplying battery power to the battery backup outlets.	Beeping stops when utility power is restored or the Back-UPS is turned off.
Power on/off LED flashes green in quick succession.	Rapid beeping (1 beep every 0.5 second)	Low Battery notification The Back-UPS is supplying battery power to the battery backup outlets and the battery is nearing a total discharge state.	
Power on/off LED flashes green in quick succession.	1 beep every 4 seconds	Low Battery shutdown - The battery has been completely discharged while the Back-UPS is on battery, the Back-UPS will shutdown.	Beeping stops when utility power is restored or the Back-UPS is turned off.
	None	Sleep Mode - The Back-UPS has shutdown and will return to normal operation once utility power is restored.	Not applicable.
Power on/off LED flashes red and Battery status LED flashes green in quick succession.	Constant tone	Battery disconnected.	Back-UPS is turned off.
Power on/off LED flashes green and red alternately	Constant tone	Replace battery - The battery needs to be charged or replaced.	Back-UPS is turned off.

Visual indicator	Audible indicator	Condition	Audible indicator terminates
Power on/off LED does not illuminate	Constant tone	Overload shutdown - An overload condition in one or more of the battery back up outlets when the Back-UPS is operating on battery power.	Back-UPS is turned off.
Power on/off LED flashes green and amber alternately	None	USB error detected - A short circuit or an internal error has been detected.	Not applicable.
Mute status LED illuminates	None	Mute function enabled.	Not applicable.
Mute status LED does not illuminate	None	Mute function disabled.	Not applicable.
When the Back-UPS is operating on battery power and the battery is getting discharged			
First Battery status LED illuminates	None	Remaining battery capacity is 0% to 24%.	Not applicable.
First two Battery status LEDs illuminate	None	Remaining battery capacity is 25% to 49%.	Not applicable.
First three Battery status LEDs illuminate	None	Remaining battery capacity is 50% to 74%.	Not applicable.
All 4 Battery status LEDs illuminate	Non	Remaining battery capacity is 75% to 100%.	Not applicable.
When the Back-UPS is on utility power and the battery is charging			
First Battery status LED flashes and the other three Battery status LED are not illuminated	None	Battery charge is 0% to 24%.	Not applicable.
First Battery status LED illuminates, second Battery status LED flashes, and other two Battery status LEDs are not illuminated	None	Battery charge is 25% to 49%.	Not applicable.
First two Battery status LEDs illuminate, third Battery status LED flashes and fourth Battery status LED not illuminated	None	Battery charge is 50% to 74%.	Not applicable.

Visual indicator	Audible indicator	Condition	Audible indicator terminates
First three Battery status LEDs illuminate and fourth Battery status LED flashes	None	Battery charge is 75% to 100%.	Not applicable.
All four Battery status LEDs illuminate	None	Battery fully charged and Back-UPS is on utility power.	Not applicable.

Voltage Sensitivity Adjustment (Optional)

The Back-UPS will switch to battery power if the utility input voltage level or distortions go out of range or if the utility power is experiencing voltage fluctuations, to help protect connected equipment. In situations where either the Back-UPS or the connected equipment is too sensitive for the utility input voltage level, it is necessary to adjust the transfer voltage.

1. Turn off the Back-UPS while connected to a wall outlet.
2. Press and hold the POWER ON/OFF button for 10 seconds. The **Power On/Off** LED will alternate green and red to indicate that the Back-UPS is in **Program** mode.
3. The **Power On/Off** LED will flash either green, amber, or red to indicate the current sensitivity level. Refer to the table below for an explanation of the transfer voltage sensitivity levels.
4. To exit Program mode wait five seconds and all LED indicators will turn off. Program mode is no longer active.

LED Flashes	Sensitivity Setting	Input Voltage Range (Utility Power Operation)	Recommended Use
Green	LOW	160 Vac to 278 Vac	Use this setting when connected equipment is less sensitive to fluctuations in voltage or waveform distortions.
Red	MEDIUM	180 Vac to 266 Vac	Factory default setting. Use this setting under normal conditions.
Amber	HIGH	196 Vac to 256 Vac	Use this setting when connected equipment is sensitive to voltage and waveform fluctuations.

Replace Battery

CAUTION

RISK OF HYDROGEN SULPHIDE GAS AND EXCESSIVE SMOKE

- Replace the battery at least every 5 years or at the end of its service life, whichever is earlier.
- Replace the battery immediately when the UPS indicates battery replacement is necessary.
- Replace batteries with the same number and type of batteries as originally installed in the equipment.
- Replace the battery immediately when the UPS indicates a battery over-temperature condition or when there is evidence of electrolyte leakage. Power off the UPS, unplug it from the AC input, and disconnect the batteries. Do not operate the UPS until the batteries have been replaced.

Failure to follow these instructions could result in minor or moderate injury and equipment damage.

Replacement batteries can be ordered through the APC by Schneider Electric Web site, www.apc.com.

Model	Replacement battery part number
BE650G2-UK	APCRBC110
BE850G2-UK	RBC17



Deliver the used battery to a recycling facility.

Troubleshooting

Problem	Possible Cause	Corrective Action
The Back-UPS will not turn on.	The Back-UPS has not been turned on.	Press the POWER ON/OFF button.
	The Back-UPS is not connected to utility power, or there is no utility power available at the wall outlet, or the utility power is experiencing a brownout or over voltage condition.	Be sure that the power cord is securely connected to the wall outlet, and that the utility power is available at the wall outlet. Where applicable, be sure that the wall outlet is switched on.
The Back-UPS will not turn on.	Back-UPS circuit breaker tripped.	<ol style="list-style-type: none"> 1. Disconnect all nonessential equipment connected to the outlets. 2. Reset the circuit breaker by pushing in the circuit breaker button fully inwards until it latches. 3. If the circuit breaker resets, switch On the Back-UPS and reconnect one equipment at a time to the Back-UPS. 4. If the circuit breaker trips again, it is likely that one of the connected devices is causing the overload.
The Back-UPS is on, the Power on/off LED flashes red and the unit emits a constant tone.	The battery is disconnected.	Connect the battery. Refer to “Connect the Battery” on page 3 for details.

Problem	Possible Cause	Corrective Action
Connected equipment loses power.	A Back-UPS overload condition has occurred.	<ul style="list-style-type: none"> • Disconnect all nonessential equipment connected to the outlets. Reconnect one equipment at a time to the Back-UPS. • Be sure that at least one Battery status LED is illuminating. Charge the battery for 16 hours to make sure it is fully charged. • If the overload condition still occurs, replace the battery.
	The Back-UPS battery is completely discharged.	Connect the Back-UPS to utility power and allow the battery to recharge for 16 hours.
	PowerChute software has performed a shutdown due to a power outage.	This is a normal Back-UPS operation.
	Connected equipment does not accept the step-approximated sine waveform from the Back-UPS.	The output waveform is intended for computers and peripheral devices. It is not intended for use with motor driven equipment.
	The Back-UPS may require service.	Contact Schneider Electric Technical Support for more in-depth troubleshooting.
The Power On/Off LED is green and flashes twice every 2 seconds.	The Back-UPS is operating on battery power.	The Back-UPS is operating normally on battery power. Save all open files, and shutdown the computer. When utility power is restored the battery will recharge.
The Power On/Off LED flashes green in rapid succession.	The Back-UPS battery has approximately two minutes of remaining runtime.	The Back-UPS battery is nearing total discharge state. Save all open files, and shutdown the computer. When utility power is restored the battery will recharge.
The Back-UPS has an inadequate battery runtime.	The battery is not fully charged.	Leave the Back-UPS connected to utility power for 16 hours while the battery charges to full capacity.
	The battery is near the end of useful life and should be replaced.	As a battery ages, the runtime capability decreases. See APC by Schneider Electric Web site www.apc.com , to order replacement batteries.

Problem	Possible Cause	Corrective Action
USB charging is slow.	Charging a device using the Back-UPS USB charger is slower than the device's original USB charger.	The connected USB cable does not support the charging speed for the device. Use appropriate USB cable.
USB charging stops and the Power On/Off LED illuminates green and amber alternatively.	The USB ports has detected a short circuit or a fault.	Disconnect cable and device from the USB port. USB charging will resume when the Power On/Off LED turns green. Contact Schneider Electric Technical Support if the Power On/Off LED continues to illuminate green and amber alternatively.
The Back-UPS is off but the Back-UPS beeps twice every 30 seconds (Quiet Alarm mode) or beeps once every 4 seconds (Full Alarm mode).	The voltage is not low enough to shutdown the Back-UPS but not high enough to start the Back-UPS and power the outlets. There is however enough voltage to charge the Back-UPS.	Mute the alarm by pressing the MUTE button. The UPS will return to normal operation once the utility input voltage has returned to normal range.

Warranty

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

The standard warranty is three (3) years from the date of purchase valid in European Community. For all other regions, the standard warranty is two (2) years from the date of purchase. Schneider Electric IT (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.

Service

If the unit requires service, do not return it to the dealer. Follow these steps:

1. Review the *Troubleshooting* section of the manual to eliminate common problems.
2. If the problem persists, contact Schneider Electric IT (SEIT) Customer Support through the 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. Pack the unit in the original packaging whenever possible to avoid damage in transit. Never use foam beads for packaging. Damage sustained in transit is not covered under warranty.
4. **Always DISCONNECT THE UPS BATTERIES before shipping. The United States Department of Transportation (DOT), and the International Air Transport Association (IATA) regulations require that UPS batteries be disconnected before shipping.** The internal batteries may remain in the UPS.
5. Write the RMA# provided by Customer Support on the outside of the package.
6. Return the unit by insured, pre-paid carrier to the address provided by Customer Support

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.