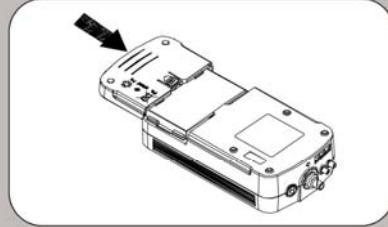
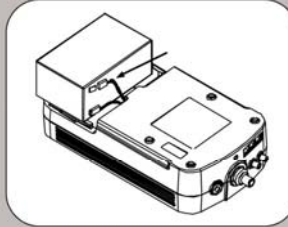
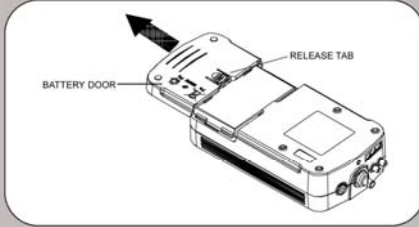


1 Connect Battery

For safety, the Back-UPS ES is shipped with one battery wire disconnected. The UPS will not operate until the wire is connected to the touch-safe battery terminal. **NOTE:** Small sparks may occur during battery connection. This is normal.

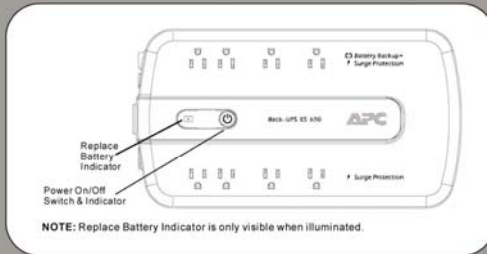
- 1 Turn the Back-UPS ES over and press in the release tab. Slide the plastic battery cover off of the Back-UPS.
- 2 Connect the red battery wire firmly to the positive (+) battery terminal.
- 3 Insert the battery back into the compartment. Slide the plastic battery cover until the release tab locks into place.



2 Connect Equipment

Battery Back-up + Surge Protection

These outlets are powered whenever the Back-UPS ES is switched ON. During a power outage or other utility problems (brownouts, over-voltages), these outlets will be powered for a limited time by the Back-UPS ES. Plug your computer, monitor, CD-ROM drive and two other data-sensitive devices such as an external disk or tape drive, or Home Phoneline Networking Association (HPNA) device into these outlets.



Surge Protection

These outlets provide full-time protection from surges even if the Back-UPS ES is switched OFF. Plug your printer, fax machine, scanner, or other peripherals that do not need battery power into these outlets.

Place the Back-UPS ES to avoid:

- Direct sunlight
- Excessive heat
- Excessive humidity or contact with fluids



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

Connect Computer Cable

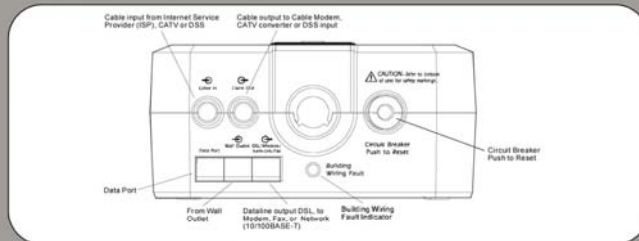
The supplied cable and software provide automatic file saving and shutdown of the operating system in the case of a sustained power outage.

Connect the cable to the Data Port of the Back-UPS ES. Connect the other end of the cable to the USB port on your computer. The software will automatically find the computer's USB Port.

Connect Modem / Phone / DSL / Fax / 10/100Base-T / HPNA / Cable Modem / CATV or DSS to Surge Protection

The Back-UPS protects a single line (2-wire) phone (including Digital Subscriber Line - DSL), Home Phoneline Networking Association (HPNA) type equipment, modem, 10/100 Base-T Ethernet, or fax machines from surges when connected through the UPS as shown in the drawing below.

The UPS also protects a cable modem, CATV converter, or DSS receiver from surges when it is connected through the UPS coaxial connectors as shown in the drawing below.



3 Power On and Install Software

Press the ON/OFF switch to power the unit ON.

A single short beep and the green "Power On" indicator confirms the Back-UPS ES is on and ready to provide protection.

The Back-UPS ES should charge for at least 16 hours to ensure sufficient runtime. The unit is being charged whenever it is connected to utility power, whether the unit is turned ON or OFF.

If the red Building Wiring Fault indicator (located on the end near the power cord) is lit, your building wiring presents a shock hazard that should be corrected by a qualified electrician.

Install the PowerChute® Personal Edition software

Place the PowerChute Personal Edition CD-ROM into your computer and follow the installation instructions on the screen.

Note: The circuit breaker must be in the on position.

Status Indicators

The Back-UPS ES indicates operating status using a combination of visual and audible indicators. Use the following table to identify the status of the Back-UPS ES.

Status	Visual Indications (Power On - Green) (Replace Battery - Red)	Audible Indication	Alarm Terminates When
Power On - UPS is supplying conditioned utility power to the load.	Power On pushbutton - ON (lit)	None	Not applicable.
On Battery - UPS is supplying battery power to the load connected to the Battery outlets.	Power On pushbutton - ON (off during beep)	Beeping 4 times every 30 seconds	UPS transfers back to Power On operation, or when UPS is turned off.
Low Battery Warning - UPS is supplying battery power to the load connected to the battery outlets, and the battery is near exhaustion.	Replace Battery indicator is flashing	Rapid beeping (every 1/2 second)	UPS transfers back to normal operation, or when UPS is turned off.
Replace Battery - The battery is disconnected.	Replace Battery indicator is Flashing	Constant tone	UPS is turned off with the power switch.
The battery is in need of charging, or is at the end of its usual life and must be replaced.	Power On and Replace Battery indicators - flashing (alternating)	Constant tone	
Overload Shutdown - During On Battery operation a battery power supplied outlet overload was detected.	None	Constant tone	UPS is turned off with the power switch.
Sleep Mode - During On Battery operation the battery power has been completely exhausted and the UPS is waiting for utility power to return to normal.	None	Beeping once every 4 seconds	Utility power is restored, or if utility power is not restored within 32 seconds, or the UPS is turned off.
Building Wiring Fault - Your building wiring presents a shock hazard that should be corrected by a licensed electrician.	Building Wiring Fault LED (red) - ON	None	UPS is unplugged, or UPS is plugged into a properly wired outlet.

See the Troubleshooting section for additional assistance.