



# Back-UPS<sup>®</sup> 120 V

Emergency battery backup  
and surge suppression for  
your entire system

5-40 minutes runtime

Back-UPS

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Test



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# APC

[www.apcc.com](http://www.apcc.com)



OFFICIAL POWER PROTECTION SOLUTIONS

# Emergency battery backup and surge suppression for your entire system



Computer users fall into two groups those who have lost data due to power problems and those who are going to. The more you use your computer the sooner you'll have to pay for that loss. Power problems wreak havoc on today's multitasking networked or stand-alone PCs. The more you do with your PC, the more you stand to lose.

According to a study by IBM, your system is subject to an average of 128 power disturbances per month: these range from surges and spikes, which can cause hardware damage, to sags, brownouts, and complete blackouts, which can cause data loss. In fact 48.5% of all instances of data loss is attributed to power events.

The effects of power problems include keyboard lockup, complete data loss, hardware degradation, damaged motherboards, and more, making downtime inevitable. An APC Back-UPS instantly switches your computer to emergency battery backup power and allows you to work through brief power outages without data loss or downtime.

APC UPS units also give you the time to save files and shut down your computer safely in the event of an extended power failure. High-performance surge suppression protects your computer from electrical noise and damaging power surges - even lightning.

## Value Power Protection for Network Clients and Home Systems

APC Back-UPS 200 and APC Back-UPS 300 are the most reliable and cost-effective way to increase your system's lifespan and productivity. You get plenty of runtime to ride through momentary outages or to shut down your system in the event of an extended outage. You'll get outlets for your computer and monitor and a compact design to conserve valuable work space. One switch controls power to all connected equipment, for easy system control.

## Complete System Protection for Network Clients and Home Systems

If you need more runtime and more advanced features, try the more powerful APC Back-UPS 500 or APC Back-UPS 650. Both models come with a FREE mail-in offer for PowerChute plus, APC's award-winning data-saving, automatic system shutdown software. They also include Multipath protection: enough outlets to protect your entire system, plus fax/modem line protection to stop surges on datalines.

## Multiple Workstation Protection

If you want to protect more than one workstation or PC with a single UPS, APC Back-UPS Pro 1000 or APC Back-UPS Pro 1400 will meet your needs. Six battery power outlets let you protect up to three workstations or PCs.

## Windows NT and Windows 95 Performance System Protection

High-performance Windows 95 and Windows NT computer systems create, store and transmit

data at ever-increasing rates. With this increase in speed comes a parallel increase in the value of both hardware and data. Cutting edge technology demands the highest level of protection. APC's innovative CellGuard Intelligent battery management, PowerChute plus advanced power management software, and Automatic Voltage Regulation, make APC Back-UPS Pro the ideal choice for performance workstations or PCs. Visit [www.apcc.com](http://www.apcc.com) for additional information, or request document #1400 from our automated fax service, PowerFax at 800-347-FAXX.

## "Best-In-Class" Longest Runtime and Guaranteed Lightning Protection

Although many measurements are used to determine UPS power and output, the best and clearest way to size a UPS is with runtime. Runtime measures how long a UPS provides power during an outage. If you don't have enough power, your computer will crash before safe shutdown, and crashes mean lost data. If you don't pay close attention to runtime when choosing a UPS, you won't know you're vulnerable until it's too late. The only way to eliminate the worry without doing hours of homework is to depend on APC's "Best in Class" Longest Runtime guarantee.

APC also guarantees your equipment will be safe from all power surges, including lightning. This premium protection starts as soon as you plug in your UPS. It tells you immediately if the outlet is properly wired and gives you the peace of mind of knowing that even if your equipment suffers a direct lightning strike you're covered. APC provides \$25,000 in equipment protection insurance for life (see policy for details)

**Back-UPS®**

## "Must Have" Safety and Reliability Features

In order for a UPS To give you the peace of mind and security you need, it must provide certain fundamental features. Without these the performance of your connected equipment could be seriously compromised. If you depend on your computer, don't go without the following:

### Site Wiring Fault Indicator

Your unit must be able to tell you if it is going to provide the protection you need based on existing building wiring. That's why every APC Back-UPS includes a Site Wiring Fault Indicator which automatically and immediately warns you of wiring problems like improper grounds that could cause shocks or prevent the UPS from adequately suppressing surges.

### Easy Overload Recovery

UPS units are by definition designed to take punishment. Like your fuse box at home, all APC Back-UPS have a quick, easy push-button recovery circuit breaker instead of a

standard fuse, so there is no need to return the unit to the factory for service! Whether you're hit by an overload or a short circuit, with APC you're quickly back in business.

### Audible Alarms

Your UPS must actively let you know whenever there's a problem. Because a UPS won't run forever on battery power, you need to know when to save files and shut down. If the unit is on battery, or if the battery is low, or even if there is an overload condition, APC Back-UPS will let you know with an audible alarm. If a UPS doesn't tell you what it's doing, you may as well not have a UPS at all.

#### "On Battery" Alarm

An intermittent Alarm signals when connected equipment is running on battery power, alerting you to save data and close valuable files

#### "Low Battery" Alarm

A continuous tone alarm signals low battery, reminding you to save data prior to impending shutdown.

### Overload Alarm

An overloaded UPS may not provide adequate runtime for you to save your files and data in the event of a power failure. This feature allows you to correct the overload to ensure you receive the runtime you need.

### User-renewable UPS System

Your UPS must be renewable. With normal use, a UPS battery will last Three to six years. At the end of the battery's life, the APC Back-UPS renewable UPS system eliminates the need for factory service and loss of protection by letting you replace batteries for a fraction of the cost of a whole new UPS. Battery Replacement Cartridges (available at [www.apcc.com](http://www.apcc.com) or see your local dealer/distributor) provide eco-friendly recycling of your battery, meet all state and federal regulations for battery disposal and provide a postage-paid container for you to ship the used battery to APC.



The APC Back-UPS family (left to right): **APC Back-UPS 650**, **APC Back-UPS 500**, **APC Back-UPS 300**, **APC Back-UPS 200**

## Additional Safety and Reliability Features

### Multipath Protection

APC Back-UPS has enough outlets to protect your entire computer system. With dedicated outlets for computer, monitor and all peripherals such as laser printers, Zip drives, scanners, fax machines, and with fax/modem protection, everything is safe from the threat of bad power. Surge-only outlets are always on for convenience. BlockSafe cord extensions accommodate even the largest transformer blocks without covering other outlets. Eliminate the threat of power problems by plugging your entire system into APC Back-UPS. (Back-UPS 500 and Back-UPS 650 models only)

### Internet Ready: Protection for Fax/Modem Connection

Connecting to the Internet and on-line services via modem double your computer's exposure to damage. The Internet ready Back-UPS protects internal and external modems, your motherboard and other system components with fax/modem line surge protection. (APC Back-UPS 500 and APC Back-UPS 650 models only)

### Option Switches

User-adjustable option switches allow you to customize transfer voltage and alarm settings for your specific needs.

### Universal Hardware Compatibility

APC Back-UPS provides complete protection for Apple, IBM compatible or Unix computers, using any operating system.

## Performance Features

### Save and Protect your Data: FREE File-saving, Auto-shutdown Software

APC PowerChute plus supports Windows NT and Windows 95. When the power fails, PowerChute plus saves open files, closes open applications, then gracefully shuts down the operating system - even when you're not there. (FREE mail-in offer for PowerChute plus software, for APC Back-UPS 500 and APC Back-UPS 650 models only.)



### PowerChute plus Provides Automatic Data Saving

#### WorkSafe

Protects your valuable data by saving open applications and files automatically

#### Unattended system shutdown

Maintains operating system integrity with safe automatic shutdown.

### UPS Diagnostic Test/Alarm Disable Button

With the touch of a button, APC Back-UPS performs diagnostic testing to ensure all internal components, including battery, are operating at peak levels. If a fault is found, APC Back-UPS alerts you with an audible alarm. Because you control when this testing is performed, you are always sure your APC Back-UPS is ready to protect you. (APC Back-UPS 500 and APC Back-UPS 650 models only)



## Performance Guarantee

### APC "Best in Class" Longest Runtime Guarantee



APC Back-UPS will provide runtime which meets or exceeds that of any same VA UPS for desktop PC applications

or your money back (for details, visit [www.apcc.com](http://www.apcc.com)).

### \$25,000 Lifetime Equipment Protection - Even Covers Lightning!

APC is the only manufacturer that guarantees its products will protect your

properly connected equipment from lightning strikes for life. Should surge damage occur, APC will repair or replace up to \$25,000 of your equipment (see policy for details.)

**LifeTime Equipment Protection Guarantee**  
up to \$25 000  
includes Lightning Protection

## Warranty and Approvals

### APC Has Won More Awards for Reliability than All Other UPS Vendors Combined

*"Providing protection against power line surges... does not guarantee that surges occurring in the power line environment will not cause damage... A comprehensive protection scheme, coordinating both the power line and data line is required to ensure protection."*

- F.D. Martzloff,

National Bureau of Standards

### Two-Year Comprehensive Product Warranty

All APC UPS products come with a comprehensive two-year warranty which covers all parts and labor, even those we don't make ourselves, like the battery.

### Industry Approvals

UL & CSA approvals mean a safe, reliable solution to power problems.



Var Business Product Report  
Winner 1997

LanTimes Readers Choice  
1996

Home Office Small Business  
Editor's PICK



Back of Unit (200/300 model shown)

Back of Unit (650 model shown)

- a Site wiring fault indicator
- b Circuit Breaker
- c Surge protection and battery backup outlets
- d UL/CSA Approvals
- e Option switches
- f Full-time surge protected outlets
- Modem/Fax
- h Communication interface port

*"We are the largest BBS in the world. We've been using APC for over seven years to protect our BBS systems, all of our different Internet computers, and our CISCO 7500 router (a \$70,000 investment by itself.*

*"Reliability and price led us to chose APC. Every time we test our APS units (which range from Back-UPS to rack-mounted Smart-UPS housed in a NetShelter), they work. If customers didn't have reliable access to us, we wouldn't enjoy the reputation that we do. APC helps to guarantee our uptime."*