

FERRUPS®
UNINTERRUPTIBLE POWER SYSTEMS

500VA TO 18kVA
Unmatched reliability in
configurable power
protection for computers
and telecommunications
equipment.

Best Power never stops

Built to Protect:

Midrange Computer Systems >

Telecommunications/PBX >

Central Data Processing >

Internetworking Equipment >

Manufacturing Process Control >

Harsh Power Environments >

**Best
Power**
UNINTERRUPTIBLE
POWER SYSTEMS

**Are You Power
Protected?**

Power Hungry

It's a fact: **power quality** is growing **more** and more **unreliable**. Spikes, sags, surges, noise and lightning are now joined by recent utility deregulation and the rapidly filling power grid as the major contributors to **interrupted power**.

Best Power FERRUPS



Such power **disruptions**, large and small, play havoc with sensitive equipment and place undue **stress** on electrical components, causing **premature wear** and tear on mission-critical systems, as well as unacceptable and **expensive downtime**.

protection even

"At one site, we had **FERRUPS** 3.1kVA units protecting the transmitter and computers. Over a period of about 10 years, we took literally **thousands** of 'hits' due to lightning and other storm-related problems. The **FERRUPS** **stood up** to the challenge **every time.**"

Bert Brown

Chief Engineer
WEAT-AM/WOLL-FM
Miami, Florida

more

reliable
than

Buster.



Why UPS?

Uninterruptible Power Systems... Making Power Quality a Non-Issue

The decision to install a UPS just makes good business sense. Which UPS to install is your critical choice. Fortunately, many of the issues you need to consider when choosing the right UPS system are ones you may already be familiar with...

100% Availability

Today, all your mission-critical systems have to be up and running at all times. Unseen power problems affect electronic equipment much like rust

Conditioned Power

The very equipment you want to protect with a UPS are some of the largest sources of harmonics, a common problem that negatively affects the quality of power. As critical loads today are more sensitive to and therefore more susceptible to power problems like electrical noise, brownouts, and harmonics, power conditioning becomes one of the vital features you need to look for in your UPS selection.

Asset Management

When system problems arise, your equipment may be located

The annual cost of lightning-related outages to North American industry alone exceeds \$1.4 billion.* Furthermore, power outages are the number one cause of business disruptions.**

Isn't it time you protected your business operations with an uninterruptible power system?

affects iron and steel...slowly eating away at it until eventually it collapses. To combat such unwelcome events you have made the wise decision to purchase a UPS.

Unique Requirements

Power requirements can vary from business to business, as can power supplies, equipment and shut down times. Even your telephone system is unique... yet, how can you call for help if your phone is dead?

That's why you need to select a UPS that you can configure specifically to your needs...one, too, that can change as your business needs change.

in different ends of the building, or in two buildings on the same campus...or even in multiple areas around the world. You need to be able to solve problems in any location. Your ability to monitor, control and configure your devices remotely is key to your success. Shouldn't the UPS you choose – the foundation upon which your network will be built – support such action and be just as easy to manage?

*National Lightning Safety Institute, Louisville, Colorado (website:www.lightningsafety.com).

**Contingency Planning & Management/Ernst & Young LLP Business Continuity Planning Benchmark Survey (website:www.contingencyplanning.com).

Best Power

FERRUPS

Benefits & Features

- > **Elimination of the effects of spikes, sags, surges, noise, and lightning**, keeping your power flow clean and pure for trouble-free load operation.
- > **Prevents harmonic-current backfeed** into buildings, which can disrupt computer operations.
- > **Provides precision-regulated voltage** without discharging batteries with input voltages as low as 38% below nominal (based on load), keeping your batteries fully charged and at the ready for major disruptions.
- > **Active voltage regulation** converts nearly any AC source into computer-grade power, allowing you to work power protected at any location.
- > **Provides no-break, sine-wave power**, the preferred waveform for sensitive equipment.
- > **Under full UPS load, offers a minimum of nine minutes of backup power** for graceful equipment shutdown.
- > **Extended runtimes** are available for high fault-tolerance and maximum uptime.
- > **Galvanic isolation** for safest operation.
- > **Multi-mode intelligent battery charger** to protect and extend battery life.
- > **Enhanced auto-diagnostics** and communications including battery and system tests (over 80 user-programmable functions), helping you to maintain your UPS in peak operating condition.
- > **Allows for power management** and unattended shutdown using included free software bundle.
- > **SNMP-ready** with RS-232 interface.
- > **Worldwide voltage** and frequency compatibility.



Best Power Solutions

Best Power FERRUPS... One of The Most Reliable UPSs in the UPS Business

FERRUPS uninterruptible power systems provide "bullet-proof" power protection in many of the most demanding applications and settings.

The heart of the FERRUPS is the technology for which it was

FERRUPS - Meeting Unique Requirements

FERRUPS keeps setting the standards in terms of UPS configurability, variety of input plugs and receptacles, runtime options, hard-wired and soft-wired systems, bypass switches, communications options, and rackmount model selection.

you be a more effective manager: CheckUPS® II Suite, Version 3.x, is power management, monitoring and control software (with connecting cable) included with all Best Power FERRUPS systems. It provides enhanced capabilities for UPS monitoring and unattended system shutdown for most popular operating systems, including DOS, Windows v3.1x, Windows 95, Windows 98, Windows NT, OS/2, Novell/Windows v3.1x, Novell/DOS, and many versions of UNIX.

"...the FERRUPS unit was purchased in 1988. We get great service, and the unit has been SO reliable, we haven't even thought about replacing it."

Elaine Carter

Information Systems Manager
Tampa Bay Federal Credit Union
Tampa Bay, Florida

Additionally, remote-control panels, SNMP adapters for Ethernet and Token Ring LAN/WANs, Internet/Intranet hardware adapters, Envirocom™ environmental monitoring and interface cables – all help keep you informed and aware of your systems' immediate functioning. Isn't that what asset management is all about?

named, the ferroresonant transformer – one of the most reliable and durable designs in power protection. Sags, brown-outs, surges, spikes, even direct hits from lightning meet their match at the ferroresonant barrier.

No matter what the specifications of your installation anywhere in the world, FERRUPS gives you the protection options you need to meet your specific requirements.

FERRUPS - Conditioning Power in a Changing Environment

Your UPS must be proficient at power conditioning. FERRUPS is. It handles lightning, blackouts, surges, sags, spikes, noise and incoming harmonics, so they won't affect the operation of your load. FERRUPS also filters any harmonics that are coming from your protected load, especially loads with switch-mode power supplies. This keeps such self-generated harmonics from affecting other equipment in your building.

FERRUPS - Providing 100% Availability

The solution to the issue of availability is reliability. FERRUPS' advantage is its ferroresonant transformer, which does in excess of 95% of the work. And FERRUPS' extended brownout range conserves battery power by correcting sags as low as 38-percent below normal voltage without drawing on the battery.

The ferroresonant transformer in FERRUPS cleans the power coming from the utility line, so your systems receive smooth, no-break, sine-wave power at all times. And FERRUPS monitors itself, to let you know if a problem develops, including battery notification for timely replacement when necessary.

FERRUPS - Incorporating Asset Management

If sophisticated equipment is an asset to be managed, FERRUPS' connectivity products can help



Best Power
FERRUPS
Provides
Reliable Power
Protection.

Anyone with an earlier version of CheckUPS II may download the new software free of charge from the Best Power Web site at <http://www.bestpower.com>.

FERRUPS - Let Us Build One For You

The celebrated reliability of its ferroresonant transformer makes FERRUPS a preferred UPS throughout the world, in both standard and rackmount versions. Offered in an extremely broad range of capacities – from 500VA to 18kVA – FERRUPS is your best choice when you need unmatched reliability and configurability in a UPS.

Its robust design will provide quality protection for years to come, with very little input from you. FERRUPS can be configured to meet your specific needs now, and as they change in the future. It protects your critical loads from the power problems that you can see...and those that you cannot. And it offers a wide variety of alternatives for remote management of the UPS...and the power upon which you rely.

Warranties and Service

Best Power FERRUPS UPS models come with a standard two-year limited warranty against factory workmanship defects. Under our exclusive "Double Lifetime" limited warranty, Best Power will factory-repair FERRUPS units due to damage from lightning strikes at no charge, and pay up to US\$25,000 for damage to your connected equipment resulting from a spike or surge (U.S. and Canada only). Several extended and comprehensive warranties are also available; contact Best Power for details.

Best Power also offers a complete selection of service plans for all its products. These cost-effective plans offer different levels of service, allowing you to choose the plan that best meets your needs.

Extended-Runtime Battery Packs

Best Power offers external battery packs to extend the runtimes on all FERRUPS UPS models. Extended-Runtime Battery Packs can extend runtimes from minutes to hours or even days.



From sales to service, Best Power never stops. We provide responsive, reliable service, doing whatever it takes to be the only power protection source you need.

RACKMOUNT FERRUPS
850VA to 7kVA



NEW! TOWER FERRUPS
2KVA to 7.5kVA



TOWER FERRUPS
500VA to 1.4kVA and
10kVA to 18kVA





Best Power Never Stops

We are a global leader in the design, manufacture, marketing, and servicing of UPSs. Our units protect equipment for thousands of customers, from multi-million dollar corporations to home office entrepreneurs. Our comprehensive product line from 280VA to 220kVA safeguards mission-critical applications ranging from network computing operations, telecommunications systems, and mainframe installations to individual PCs and workstations. Because Best Power Never Stops – delivering innovative, dependable products...providing responsive, reliable service...doing whatever it takes to be the only power protection source you need.

