

B e s t 6 1 0
UNINTERRUPTIBLE POWER SYSTEMS

700VA TO 10kVA
Reliable on-line, high frequency double-conversion power protection with optional external batteries, for mission-critical applications.

Best Power never stops

Built to Protect:

Midrange Computer Systems >

Telecommunications/PBX >

Central Data Processing >

Internetworking Equipment >

Manufacturing Process Control >

Security Systems >

Generator Site Applications >

Equipment In Harsh Power Environments >

**Best
Power**
UNINTERRUPTIBLE
POWER SYSTEMS

**Are You Power
Protected?**

"Experience is a Dear Teacher" – B. Franklin

Ben Franklin was right. But he also said, "Some people will learn at no other." Don't let that be you. Learn about the state of **power** today and what you can do to **protect yourself**, before your equipment takes a power line hit that corrupts your data and crashes your systems.

Best **Power** Best 610



With glitches here, surges there, and brownouts every time you turn around, its no surprise that the **true** state of **power** today is poor. Add utility deregulation to this mix, and is it any wonder your **quality** of power has deteriorated?

on-line protection



"We were affected by power loss which caused hundreds of dollars worth of damage and the loss of hours worth of work. We needed **Stealth-like power protection** to ensure that all our critical and essential equipment would be protected. **Best Power** was able to successfully meet all our necessary requirements by installing a 2kVA, Best 610 UPS. We can now concentrate on **delivering the quality** of service that our clients expect from us."

Bryan Timmons
Whitelight Studio
United Kingdom

on
the
double

Why UPS?

Because in today's power environment, no one is immune...

When you've spent unretrievable time and money on the configuration and purchasing of the absolute best systems, consisting of the finest vital equipment you can afford for your operations, are you going to trust a wall socket?

"I can't afford to be without power, even for a little while."

You're right. Downtime is lost time, never to be regained. You know that major power disruptions can corrupt your files and crash your system. But it's the weakening of your system over time through repeated power anomalies – both seen and unseen – that can be your system's most insidious enemy,

That's why your UPS should be one that can adapt and grow with your business down the road, not be outgrown by it over time.

"If bad power is a reality, I'll need a UPS that can correct that."

Absolutely. And it's not just the sags, the surges, the noise, the brownouts and blackouts that can affect your equipment. (Though there is all of that, everyday, all year long!) It's also your equipment itself that generates harmonics. This problem commonly contributes to the negative quality of power.

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 operations** with an uninterruptible power system?

That's why you need a UPS that can condition your power, protecting your systems from the nasty effects of power anomalies coming from your power source and from harmonic distortion feeding back from your system itself.

"I'll need to manage all of my onsite and offsite systems, even when I'm away."

That's why your choice of a UPS with full communications capabilities is so important. Whether your equipment is in your own building, or in another city, or even in another country, you need to be able to detect and correct problems at any location, from any location. Your ability to remotely monitor and control your systems can mean the difference between the success and failure of your operations.

Computers and telecommunications equipment can function erratically and fail without warning if the quality of your electrical supply source is poor. Other critical equipment such as industrial process controls can also shut down unexpectedly if backup power is not a part of your critical system mix.

That's why your decision to install a UPS is a no-brainer. Only a UPS can provide you with the uncorrupted power your equipment needs to function safely and consistently. Choosing which UPS to place your trust in is an equally critical decision, based on several factors you may have already thought about.

causing its ultimate failure. The installation of a UPS makes this problem disappear the moment you plug it in.

"Of course, the UPS I choose will have to be right for all my systems."

Right, again. There are many variables to consider in today's power protection solution...such as the power requirements of your specialized systems, the source of your power supply and its history, the shut down times your equipment may require, even the communication abilities of the UPS itself. All must be taken into consideration when choosing a UPS.

Not all UPSs give you this ability. That's why your choice of a UPS is so critical. Choose wisely.

* National Lightning Safety Institute, Louisville, Colorado (website: www.lightning-safety.com).

** Contingency Planning & Management/Ernst & Young LLP Business Continuity Planning Benchmark Survey, 1998 (website: www.contingencyplanning.com).

> Midrange Computer Systems

> Telecommunications/PBX

Best Power

Best 610

Benefits & Features

> Central Data Processing

- > **Protects against spikes, sags, surges, noise, lightning and power outages.**
- > **Utilizes New "On-Line" High Frequency Double Conversion technology**, which outputs true, uninterrupted sine-wave power from the inverter, so connected equipment receives smooth, clean power.
- > **Performs extensive operating diagnostics upon Start-up**, ensuring a high level of reliability.
- > **One-button operation** makes control easy in all models.
- > **Mimic flow diagram on the front panel shows the energy flow** through the UPS to protected loads, making performance of the unit easy to interpret.
- > **Input power factor correction circuit prevents harmful harmonics** affecting other connected loads within the building.
- > **Equipped with standard external battery connector***, allowing for simple plug-in runtime expansion as requirements change, through battery pack additions.
* Except 700VA model
- > **Highly efficient output** results in a compact design with reduced footprint, weight and dimensions.
- > **Compatible with optional BestLink™ SNMP/WEB Adapter** (internal version), Best Power's latest connectivity product, which provides both Simple Network Management Protocol (SNMP) and HTTP compatibility between a Best Power UPS and an Ethernet LAN/WAN, allowing for easy monitoring, management, and safe shutdown of remote UPS-protected servers, routers, and hubs.
- > **Best Power CheckUPS II Power Management Software Suite Version 3.2** provides complete power protection solution compatible with most major operating systems.

> Internetworking Equipment

> Manufacturing Process Control

> Security Systems

> Generator Site Applications

> Equipment In
Harsh Power Environments

Best Power Solutions



Best Power's NEW Best 610 UPS provides economical and highly efficient power protection in a compact, easy-to-use package.

Best 610... On-line, double-conversion technology keeps your operations up and running.

The Best Power Best 610 Uninterruptible Power System provides the latest high frequency double-conversion technology that will smooth out all the sags, brownouts, surges, spikes, and noise your site receives every day, assuring you of pure sine-wave power at all times. On-line technology – which incorporates a continuous conversion of power – now joins Best Power's wide array of UPS solutions in the Best 610 UPS.

Best 610 – Adaptable Protector

No matter what the specifications of your installation anywhere in the world, Best 610 gives you the protection options you need to meet your specific requirements. From specialized system power requirements and erratic power supplies, to variable equipment shutdown times and unique communications environments, the Best 610 UPS can adapt and grow with you and your operations, to meet the power protection demands of the new millennium.

Best 610 – Communications Manager

The Best 610 UPS includes CheckUPS[®] II Suite, Version 3.2, a power management, monitoring and control software package with connecting cable. 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. Additionally a BestDock[™] communications slot works with a BestLink[™] SNMP/WEB Adapter for communications to the Best 610.

"Our dredging in the North Atlantic off the coast of England was being affected by dips, sags, surges, frequency changes and power outages from our shipboard generator. We installed three **Best 610** 2kVA units six months ago, and have never again experienced a power problem."

Desmond Pirkhoffer

Managing Director
Pinnacle 21 Corp.
United Kingdom

Best 610 – Reliable Partner

Installing a Best 610 UPS is one of the most effective ways to protect your mission-critical systems from the effects of bad power. The reliability of its new on-line, high frequency double-conversion technology constantly protects your critical load. Electrical noise is attenuated to safe levels and the smooth output voltage is tightly regulated. The Best 610 handles most power anomalies without drawing on its battery, first filtering and changing the incoming AC voltage to DC, then boosting the voltage before the inverter changes the DC power back into AC, and sends only smooth, clean power on to your equipment.

Best 610 – Power Conditioner

During normal operation, the internal power path of the Best 610 conditions surges, sags, spikes, noise and harmonic distortions – including incoming and self-generated harmonics – so your equipment receives nothing but clean, sine-wave power. Simultaneously, the UPS battery is automatically charged and kept at the ready for emergency situations. Then, during blackouts, when utility power is out, Best 610's battery back-up maintains the smooth, sine-wave voltage required to keep your systems up and running.

Other features include: graphical user interface; on-screen battery time countdown; low battery warning; network power event broadcasting; time-and-date stamped power event logging; power fail user paging via host modem; scheduled UPS shutdowns, restarts, and tests; and all are configurable for English, French, German, or Spanish screen prompts.

An extended alarms interface card option can be fitted to the BestDock communications slot, for AS/400 compatibility.

Best 610 – The Economical UPS Solution

When you need the reliability of an on-line UPS at an economical price, look no further than the Best 610. From its new high frequency double-conversion technology to its pure sine-wave output, the Best 610 is engineered to provide smooth, conditioned power, with correct voltage reproduction and regulation.

The Best 610 is extremely user-friendly, with front-mounted controls, functional LED indicators, UPS Load/Battery Capacity Bar graph, and Mimic Diagram. Additionally, audible alarms warn of battery discharging, low battery/overload, and UPS fault.

Best 610 UPSs are adaptable to meet your current and future needs, protecting your systems from the variety of power anomalies that are inherent in electrical service today. And that protection is remotely manageable, keeping you in full control no matter where you or your systems are located worldwide.

For economical on-line, high frequency double-conversion UPS protection, you simply can't do better than Best 610.

Warranty and Optional Service Plans

Best Power Best 610 UPS models come with a standard two-year limited warranty against factory workmanship defects. And under our exclusive limited "Double Lifetime" warranty, Best Power will factory-repair Best 610 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).

Optionally, you may decide to invest in one of Best Power's BestServ™ extended and comprehensive warranties, which provide varying levels of scheduled maintenance and service over the life of your UPS; contact Best Power for details.

Extended-Runtime Battery Packs

Best Power offers external plug-in battery packs to extend the runtimes of all Best 610 UPS models (except 700VA). Extended-Runtime Battery Packs can extend runtimes from minutes to several hours.



The most recent version
of CheckUPS II may be
downloaded free of charge
from the Best Power Web site
at <http://www.bestpower.com>.

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

NEW! BEST 610
700VA to 3kVA



NEW! BEST 610
6kVA and 10kVA



1 - 8 0 0 - 3 5 6 - 5 7 9 4

>email: info@bestpower.com >Internet: <http://www.bestpower.com>
>24-hour FAX information: 1-800-487-6813



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 250VA 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.

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