Eaton UPS Communications

The Power Inside the Box

E·T·N

Powering Business Worldwide

Eaton Series 9 UPSs

Complete backup solution:
Protect yourself from all nine potential problems

Series 9 UPSs protect against all nine power problems: power failures, power sags, power surges, under-voltage, electrical line noise, over-voltage, frequency variation, switching transients, and harmonic distortion. Series 9 comprehensive protection minimizes the opportunity for component stress, burned circuit boards, data crashes, and program failures.
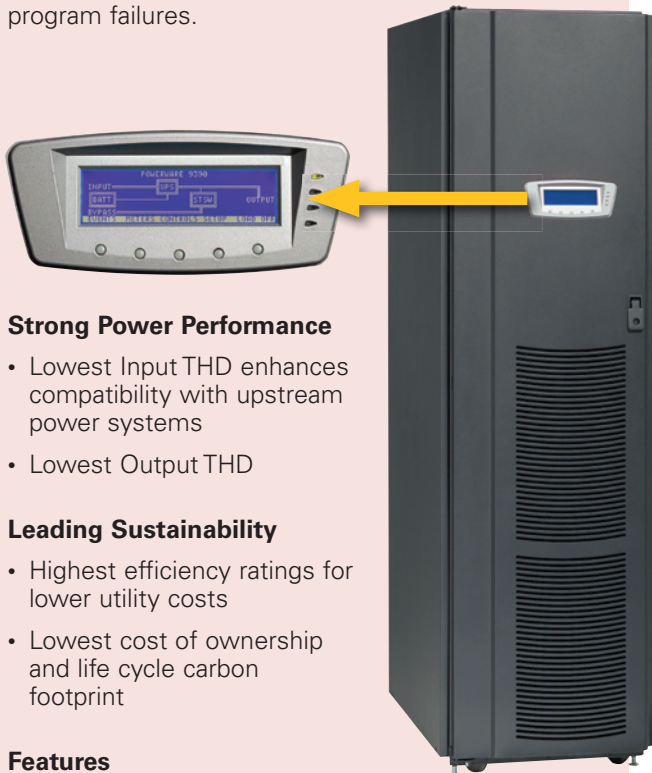
Strong Power Performance

• Lowest Input THD enhances compatibility with upstream power systems

• Lowest Output THD

Leading Sustainability

• Highest efficiency ratings for lower utility costs

• Lowest cost of ownership and life cycle carbon footprint

Features

• Energy Saver System (ESS)

• Powerware Hot Sync® Paralleling

• Easy Capacity Test

• Superior Battery Management

• Scalable architecture that can adapt to increasing power requirements

• Local LCD display providing an interface for current UPS status, feature adjustments, alarm settings and servicing lockouts

Eaton 9390 UPS

Eaton Series 9 UPSs
with Ethernet Connectivity

Expanded solution:
Bring the power of your Series 9 UPS to your desktop

The Power Xpert® Gateway UPS card allows you to connect your Eaton Series 9 UPS directly to your Ethernet network and the Internet. With its built-in Web server the Power Xpert Gateway UPS card provides UPS information remotely, without additional software.

Benefits of monitoring with a Power Xpert Gateway UPS card:

• Remotely monitor critical data such as:

  • actual UPS energy usage
  • THD
  • multiple UPS modules with one card
  • load segment status
  • % full load
  • output power
  • battery status
  • alarm status

Eaton 9395 550 kVA

• Configure shutdown agent, set up UPS shutdown schedules, as well as UPS test and control remotely

• Automatically maintains data, interval and event logs with time stamp for power and energy parameter analysis

• Ability to integrate your UPS into existing Building Management or Network Management systems including Power Xpert Software monitoring software

• Expands your UPS's LCD display to a fully-graphical, Web-enabled, remote monitoring system

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Benefit: Eaton® Series 9 UPSs protect against all nine power problems and deliver differentiated power quality solutions and a low total cost of ownership.

Benefit: Gives you instant knowledge about your UPS's status without being in the room, or even the building.

Eaton Series 9 UPSs
with Eaton Power Xpert Software

Powerful Solution:
Bring all of your equipment together

Once your data center backup and power distribution equipment is on the network via a Power Xpert Gateway UPS or PDP card, data can be centralized and analyzed with Power Xpert Software. Through this monitoring software, a more comprehensive system view of all your Eaton electrical and other third-party equipment is possible.

Benefits of monitoring your entire power system together:

• Monitor your entire data center or power system giving you the big picture of power quality and energy usage to proactively address issues

• Graphical and at-a-glance user views allowing simultaneous monitoring of multiple UPSs and other equipment

• Allows the full capability to monitor Powerware Hot Sync systems

Eaton 9390 and 9395 UPSs

• Data, interval, and event logging with time stamp for power and energy parameters from all your series 9 UPSs, as well as power distribution and other power system equipment

• Superior alarm and event management

• Web-based system – provides not only a system for multi-users, but also the convenience of viewing data otherwise collected from the unit, directly from a desktop

• Reduces site monitoring and maintenance expenses as a distributed network solution

Benefit: Expands your view from individual equipment to monitoring all your equipment at one time, on one screen.

Eaton Series 9 UPSs with Eaton
Power Xpert Software and Reporting

Complete Solution:
Bring it full circle from back-up protection through operational knowledge

Power Xpert Reporting takes your UPS, data center, and site monitoring to the next level. It allows you to see past individual measurements, trend graphs, and events. It analyzes the complex data from multiple sites and boils it down to what's really important. Automatically consolidating the information into easy-to-understand graphical reports.
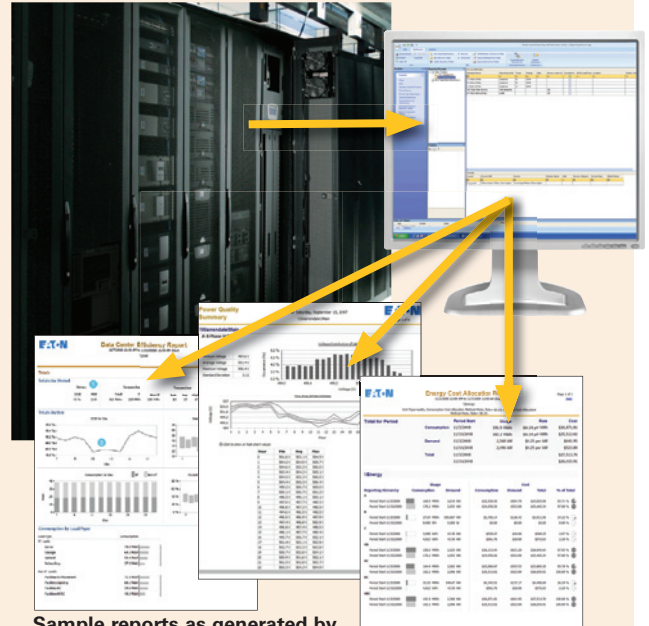
Sample reports as generated by Power Xpert Reporting

Benefits of adding a reporting system:

• At-a-glance analysis information, quickly see
  • power capacity reserves
  • potential high-power users
  • where power is consumed and usage patterns
  • current, voltage, and harmonic power quality event patterns and reoccurrence trends over time
  • temperature and humidity readings

• Know your PUE and DCiE immediately and how they change with energy saving efforts

• Know your IT vs. non-IT energy consumption

• Ten report templates – meeting various power, energy and green reporting needs

• Assistance with LEED certification

Benefit: Allows you to know exactly what your data center as a whole is doing with energy, compare that to other departments, and see the results of your energy savings efforts.

The products we offer to keep your business running

Eaton's power quality portfolio encompasses a comprehensive offering of power management solutions from a single-source provider. Eaton series 9 UPSs up to 1100 kVA are designed to deliver differentiated power quality solutions and a low total cost of ownership.

The communication you need for peace of mind

You are now protected with state-of-the-art Eaton UPSs, however, that's not the end of what you need. You need to keep a watchful eye on the status of your power infrastructure, which can make the difference between a simple, quick fix and a rapidly cascading series of events.

Without connectivity, your UPSs are working in a vacuum. You can't see how they are doing or if there's a problem unless it starts making noise; noise you can't hear unless you're in the room. Adding connectivity to your UPSs allow remote monitoring and user-defined, email alarms to take care of issues, before they become problems.

The Power Xpert Gateway UPS card provides communications to the following Eaton UPSs:

- 5115RM
- 5125
- 9140
- 9155
- 9315
- 9355
- 9390
- 9390IT
- 9395
- BladeUPS®

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