Eaton Power Xpert Gateway UPS Card

Eaton 9395 550 kVA

Delivers real-time, Web-enabled monitoring of Eaton® Uninterruptible Power Supplies

Product snapshot

- Real-time power monitoring presented how you need it – via standard on-board Web pages, Power Xpert Software or 3rd party network or building management systems
- Ethernet switch port allowing for daisy chaining of Ethernet communicating products
- Supports the Eaton Environmental Monitoring Probe

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Features/benefits

- **Web-enabled monitoring of power quality data -** Data can be viewed from any location with a Web browser
- **Data, event and system logging with time stamp -** Accurate logging for power quality analysis, log files can be exported in a CSV format to Excel to help generate reports
- **Modbus TCP/IP and SNMP v3 Support -** Open communication protocol facilitates integration with standard building management systems and network management systems
- **Intelligent email communications -** Two options for alarm and event email notification, individual emails or collective notification, providing the same information with a drastically reduced number of emails
- **Easy integration into existing Ethernet infrastructure -** Minimize installation cost
- **Netwatch shut-down client compatibility -** configure Netwatch directly in the PXGX card UI, set up UPS shut-down schedules, as well as UPS test and control.
- **Seamless integration of Eaton UPSs into Power Xpert® Software -** Web-enable and monitor all of your equipment, Eaton or other manufacturers, with the Power Xpert Architecture

Power monitoring in a networked world

Effective monitoring of the power system is critical to responding to events, preventing downtime and optimizing performance, which translates to greater reliability and cost efficiencies down the road.

The Power Xpert Gateway UPS Card (PXGX UPS) provides Web-enabled, real-time monitoring of Eaton uninterruptible power supplies (UPSs) through standard on-board Web pages, Power Xpert Software or third-party software. An integral part of the Power Xpert Architecture, which provides end-to-end power chain management, the PXGX UPS provides a central point to connect UPSs to an Ethernet network.

Develop baseline energy usage

Interval-based data history, event, and system logs can be viewed via Web browser, downloaded for review in MS Excel® or emailed to others for further analysis.

Securely view critical power data how and when you choose

Eaton provides the information needed to make critical power management decisions to keep the organization running effectively and efficiently.

You can rest assured that your information is secure when employing the PXGX UPS. It provides two levels of password authentication, thereby restricting access to Admin level for configuration separate from general use. For those seeking additional security, the PXGX UPS supports secure, Web-based communication via SSL.

Information is presented in organized, user-friendly Web pages. Device detail pages include real-time data such as:

- UPS Identification such as name, serial number, type
- UPS status
- UPS input current
- Input, inverter and output voltage
- Input and output frequency
- % full load
- Battery status
- Load segment status
- Output power
- Alarm status

Technical specifications

The Power Xpert Gateway UPS Card kit includes the following:

Power Xpert Gateway UPS Card
Local Configuration Cable
Quick Start Guide

Ordering information

Catalog number	PXGXUPS
Style number	103007974-5591
Description	Power Xpert Gateway UPS Card for use with Eaton UPSs

Devices supported

Eaton uninterruptible power supplies with X-Slot® compatibility; these include the Eaton 9155, 9315, 9355, 9390, 9390IT, 9395, and BladeUPS®

Communication ports

Ethernet ports	Two RJ45 ports: supports 10/100BaseT for daisy chaining via integrated Ethernet switch
Serial ports	One USB port: supports local configuration and one RJ45 for optional connection to an Environmental Monitoring Probe (EMP)

Communication protocols supported

Web server	Supports data access from Web browsers (HTTP and HTTPS)
Modbus TCP/IP	Supports data access from Modbus TCP clients
SNMP v1 & v3	Supports common network management tools
SMTP	Supports email notification
NTP	Supports time synchronization via an NTP server for card and UPS synchronization
DHCP	Supports automatic IP address assignments, if enabled
IP v4 & v6	IP v4 and v6 compatibility

Supported MIBs

Eaton Power MIB
RFC 1628 UPS MIB
Eaton EMP MIB
Eaton alarms and traps MIB
RFC 4133 Entity MIB
RFC 4268 Entity State MIB; RFC 4268 Entity State MIB Part 2
RFC 1213 MIB II

Web browsers supported

IE 7 and 8
Mozilla Firefox 2.0 and higher
Google Chrome

Physical characteristics

Dimensions	12 cm x 11.4 cm x 3.9 cm (4.7" x 4.5" x 1.5")
Weight	200 grams (7.0 oz)

Environmental specifications

Ambient operating	0 to +40° C (32 to 104° F)
Relative humidity	10 to 80%, non-condensing
Altitude	10,000 ft
Enclosure rating	Indoor use only

Mounting configuration

X-Slot form factor fits directly into UPS chassis

Power supply

Nominal input voltage	12 VDC, unregulated (provided by UPS)
Input voltage range	8 – 25 VDC, unregulated

Power consumption

3.5 Watts

Regulatory/standards compliance

FCC Part 15, Class A
CISPR 22, Class A
ROHS compliant

Telecom Conducted via EU Standard	EN 55022:1988+A1:2000+A2:2003, Class A/EN55022:1988+A1:2000+A2:2003

Note: Features and specifications listed in this document are subject to change without notice and represent the maximum capabilities of the software and products with all options installed. This is not a complete feature list. Features and functionality may vary depending on selected options.

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