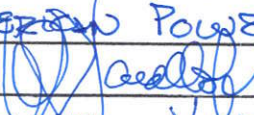


REQUEST FOR QUOTATION
AUD133780

EXHIBIT A SPECIFICATIONS FOR EATON 9390-160 KVA (OR EQUAL)

Item	Qty.	Style	Description	UNIT \$	Ext Total
1	1	Eaton 9390, Model 160	160kVA/144kW, 480 input, 480V output		30,910.00
2	1	IDC-160	Integrated Distribution Cabinet, 160kVA, 480V In, 208V Out		11,770.00
3	4	IBC-L	Integrated Battery Cabinets		51,645.00
4	1	Services & Deliverables	7/24 Coverage with 8 hour response, and price all service options		N/C
5	1	Standard Start Up Package	7/24 Standard Startup Package		825.00
6	1	Freight	Dock to Dock freight charges, FOB:Destination for Batteries per Section 3.1.5		4485.00
7	1	Installation	Install in accordance with manufacturer's instructions		N/C
8	1	Removal/Disposal	Existing Powerware System 80 (UPS) upon completed installation of Eaton 9390-160		N/C
9	1	Training	Operator Training		N/C
10	1	Maintenance	First Year Price		N/C
11	1	Maintenance	Year 2 for future renewal for budgeting purposes		17050.00
12	1	Maintenance Renewals	Year 3 future renewal for budeting purposes		17600.00
13	1	Product Enhancement	Notification of available upgrade service offerings		N/C

Company Name AMERICAN POWER & LIGHTING SYSTEMS

Representative Signature 

Representative Printed LEONARD VARALLO

Phone/Fax 304 546 1177 / 304 343 0245

Contractor License# _____

Date 6.26.13

ALL AS SPECIFIED

06/27/13 12:30:38 PM
West Virginia Purchasing Division



American Power & Lighting Systems

P. O. BOX 8341 • SO. CHARLESTON, WV 25303 • (304) 744-6942

Over 40 years experience in battery & charger systems for every application.

6.26.13

GENTLEMEN:

AS PER PAGE 26, SECTION 1.05, ITEM A, WE ARE PLEASED TO PROVIDE THE FOLLOWING LIST OF POWERWARE 9390 INSTALLATIONS WE HAVE RECENTLY COMPLETED:

9390-60KVA S/N EF382CBB08
EF382CBB09

9390-80KVA - S/N EF391CAB03
EF391CAB04

EC292CAB08
EC292CAB10
EC062CAA06
EC063CAA05

9390-120KVA - S/N EF355CBB07
EF355CBB08
EA393CAA10

EB121CBA03
EB121CBA08

9390-160KVA

S/N ED172CBB07
ED173CBB03

SINCERELY

• **C&D** C&D Batteries
An **ALLIED** Company

• **DUAL LITE**
Emergency Lighting

Replacement
Batteries & Parts
For All Brands

• **JOHNSON CONTROLS**
Globe Union
Batteries & Chargers

• **UPS:**



• **PM Programs**
& Diagnostic on-site
Testing



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Over 40 years experience in battery & charger systems for every application.

-  C&D Batteries
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PROFESSIONAL REFERENCES

-  **DUAL LITE**
Emergency Lighting

Replacement
Batteries & Parts
For All Brands

CONSTELLATION ENERGY POWER SOURCE

MR SEAN RILEY - MAINT MGR

P O BOX 17340

BALTIMORE MD 21297-1340

443 677 9175

-  **JOHNSON CONTROLS**
Globe Union
Batteries & Chargers

WYCLIFFE ENTERPRISES

MR JEFF WYCLIFFE - OWNER

4211 MARYLAND CT

MIDDLETOWN MD 21769

301 371 3278

- **UPS:**



- **PM Programs & Diagnostic on-site Testing**

CSX TRANSPORTATION

MR MIKE STILTNER - FACILITYS MGR

935 7TH AVE

HUNTINGTON WV 25701

304 638 2799

CHARLESTON AREA MEDICAL CENTER

MR LEE KERR - IT MGR

P O BOX 2069

CHARLESTON WV 25327

304 546 0865

WEST VIRGINIA UNIVERSITY

MR MATT GLOTFELTY - NETWORK OPERATIONS

UNIVERSITY AVE

MORGANTOWN WV 26506

304 293 8909

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules. Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: American Power + Ltg. Systems Signed: [Signature] Title: OWNER
Date: 6.26.13

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: AUD133780

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

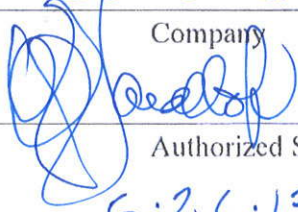
Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input checked="" type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

American Power & Lighting Sys.
Company


Authorized Signature

6.26.13
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

CERTIFICATION AND SIGNATURE PAGE

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

AMERICAN POWER & LIGHTING SYSTEMS
(Company)


(Authorized Signature)

LEONARD VARANO, OWNER
(Representative Name, Title)

304 546 1177 / 304 343 0245
(Phone Number) (Fax Number)

6-26-13
(Date)

Powerware series

20-160 kVA

Eaton 9390 UPS



EATON

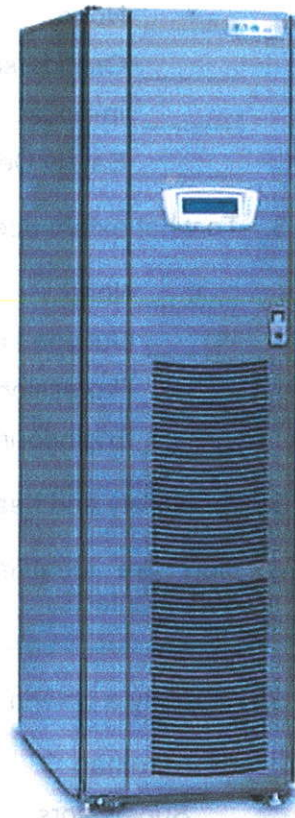
Powering Business Worldwide

Innovative design delivers industry-leading power performance

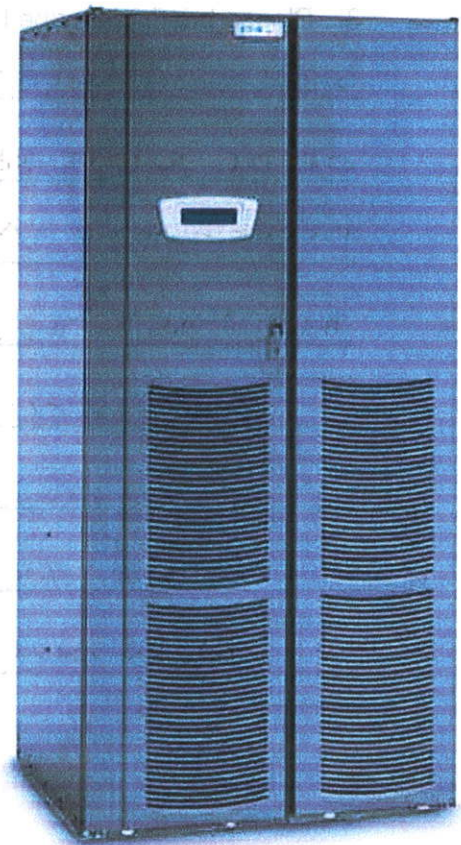
The Eaton® 9390 is a double-conversion uninterruptible power system (UPS) that resolves all utility power problems and supplies clean, continuous, uninterruptible power to connected equipment. Whether you're selecting a UPS for a branch office, manufacturing floor, medical facility, or data center, there's a 9390 model that delivers just the right combination of performance and price for your needs.

Features and Benefits

- Transformer-less design
 - Increased efficiency over transformer-based UPSs
 - Smaller footprint and higher power density
 - Lower installation and shipping costs
- Flexible Installation
 - Mount directly next to a wall or even in a corner.
 - Completely accessible for service and maintenance from front panel
 - Top and bottom cable entry
- Voltage Options
 - Conventional 208V and 480V for standard US system designs
 - Available 400V for higher efficiency US system designs
- Powerware Hot Sync
 - Easily expand system capacity
 - Sync parallel configurations without fail-prone control wires
- Advanced Battery Management
 - Cyclical battery charging increases service life of batteries, reducing total cost of ownership
 - Sophisticated battery condition monitoring, testing, and alerts identify potential problems before they affect your load
- Low Total Harmonic Distortion
 - Low input THD ensures compatibility with extended backup power sources (generators).
 - Low output THD provides clean pure power to operate the load safely and efficiently
- Complete line of system accessories
 - Battery cabinets
 - Integrated distribution cabinets
 - Integrated accessory cabinets



20-80 kVA

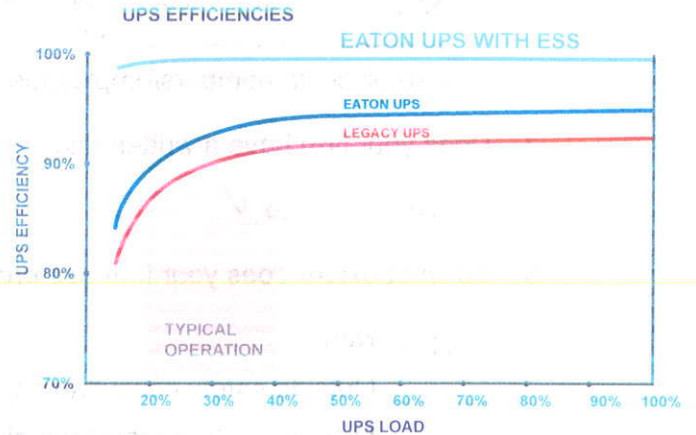


100-160 kVA

High efficiency options reducing costs and wasted energy

Energy Saver System

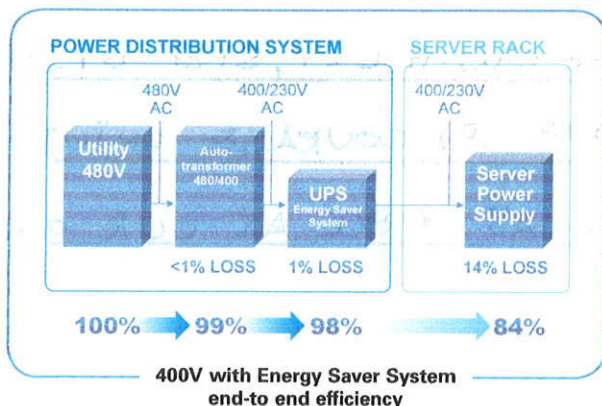
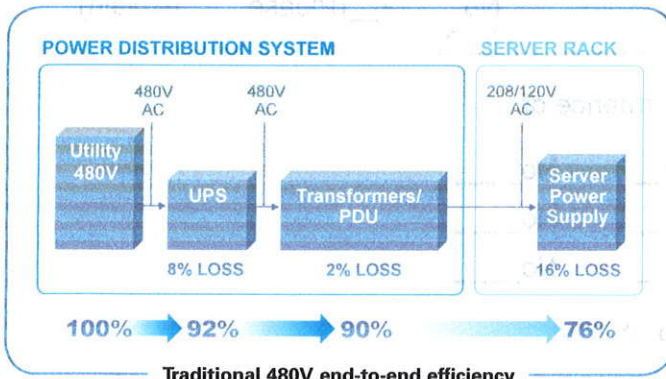
The 9390 has delivered excellent energy efficiency since its introduction to the market, helping facilities save thousands in energy costs over traditional UPS designs. Now with the available Energy Saver System (ESS), the 9390 achieves over 99 percent efficiency no matter how large or small the load. This additional energy savings is achieved through advanced power core technology, and continues to provide the load with maximum protection. Unlike traditional "eco" modes, ESS is not just a utility bypass. The load is always protected. Learn more at eaton.com/ESS



ENERGY SAVER SYSTEM VS. LEGACY UPS

CRITICAL LOAD	50 kW	125 kW	250 kW
<i>(energy + demand) per kW hr</i> ELECTRIC COSTS	\$0.11	\$0.11	\$0.11
LEGACY UPS EFFICIENCY	92.5%	92.5%	93%
EATON ESS UPS EFFICIENCY	99%	99%	99%
3-YEAR ANNUAL ENERGY SAVINGS	145 MW hr	363 MW hr	670 MW hr
3-YEAR ANNUAL CO₂ SAVINGS	104 METRIC TONS	261 METRIC TONS	481 METRIC TONS
ANNUAL ELECTRICAL COST SAVINGS*	\$15,972	\$39,929	\$73,715

* Includes savings realized through minimizing UPS energy losses and reduced cooling requirements.



400 Volt

In addition to conventional (208V and 480V) voltage capabilities, the 9390 now has the ability to support direct-connect 400/230 Vac for powering directly to the IT rack. This capability allows for the deployment of a UL/CE rated UPS that can protect and distribute 400/230 Vac directly to IT racks without an additional step-down transformer. Some of the efficiencies and benefits of this alternative voltage powering are:

- Elimination of the step-down 480-208 volt transformer lowers heat losses, saves valuable floor space, and significantly reduces capital expenditure
- Higher voltage directly to IT equipment allows it to operate at higher efficiency (no changes required, as virtually all servers are rated to operate at up to 240 Vac)
- No changes to power distribution equipment since connectors and circuit breakers already exist with these ratings
- End-to-end efficiency of a 400V system design can be up 8% higher than that of a traditional 480V system.
- Learn more about 400V system design at www.eaton.com/400volt

Scalable architecture meets your current and future load requirements

The 9390 supports up to 160 kVA to deliver power protection for small branch offices to large corporate data centers and communication networks. Up to four equivalent 9390 modules can be paralleled for additional capacity or redundancy, without having to utilize a central bypass cabinet. In all paralleling configurations, each UPS module operates independently yet is completely synchronized with the others. Parallel UPS modules can provide N+1, N+2 or greater redundancy.

Powerware Hot Sync technology: The culmination of power reliability

Eaton's patented Powerware Hot Sync® technology enables multiple UPSs to share the load equally, eliminating the transfer time when shifting the load from one module to the other. The load share control algorithms maintain adjustments to variations in the output power requirements.

When two or more UPSs operate in parallel for capacity and redundancy, Hot Sync addresses the two primary concerns of load sharing and selective tripping. To address these concerns for reliability – the degree of autonomy and the complexity of implementation – Hot Sync combines digital signal processing and an advanced control algorithm to provide automatic load sharing and selective tripping in a parallel system, as well as complete autonomy of the modules and a skillfully simple implementation.

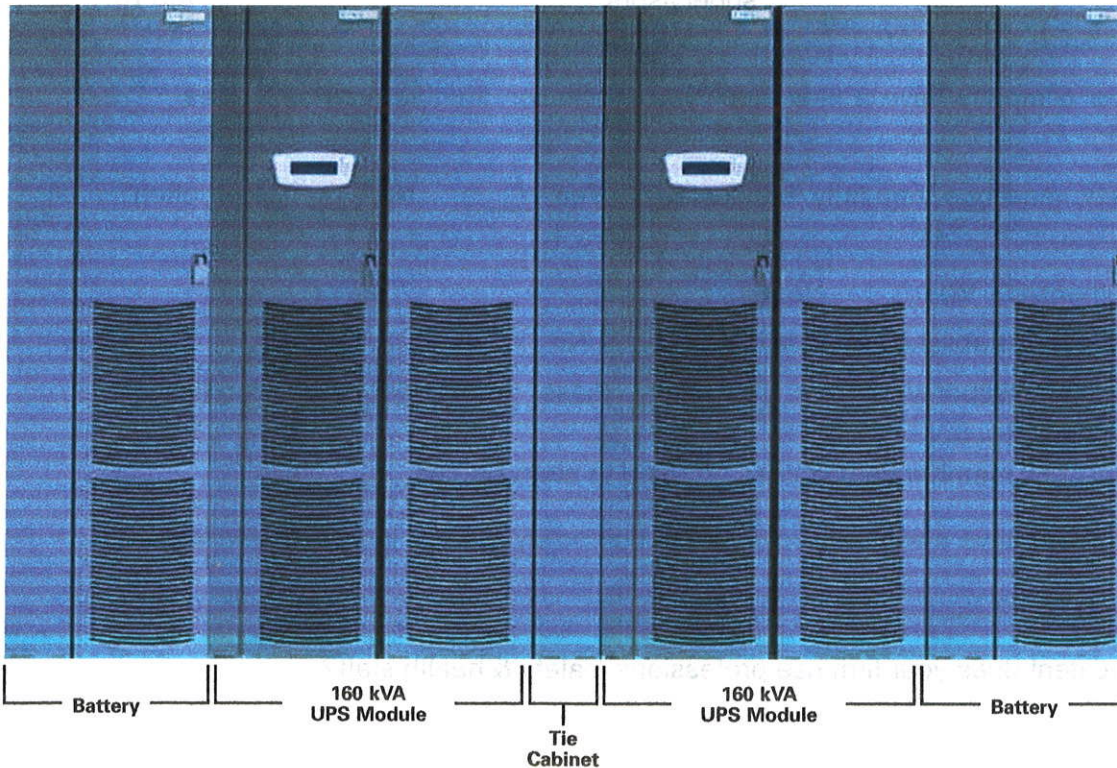
Powerware Hot Sync wireless paralleling technology for capacity or redundancy

This two-module system shown below can be configured as 160 kVA N+1 redundant (320 kVA capacity with 36-inch tie cabinet). The width of this configuration is a compact 164.6 inches.

The 9390 achieves optimum reliability and flexibility with the following design features:

- Unlike other paralleling techniques, there is no system-level single point of failure
- Hot Sync systems are capable of paralleling for both redundancy and capacity
- By using a peer configuration as opposed to a master-slave configuration, Hot Sync ensures that each module is operating independently
- No added circuitry or components are required to be switched in to operate in parallel
- With thousands of successful systems installed globally, Hot Sync is a proven technology
- The output of multiple UPSs remains in phase so that static transfer switches connected between the separate distribution paths may change state seamlessly when necessary

Each parallel unit operates with its own battery string – if any unit goes offline or is taken down for maintenance, the remaining units support the load fully with their battery capabilities. If any battery string fails, the remaining strings continue to support the load – thus eliminating a key potential single point of system failure.



Flexible installation options expedite deployment and save valuable space

The 9390 offers the smallest footprint of any UPS in its class—35 to 50 percent smaller than competitive units. Cabling can enter the UPS from either the top or bottom of the cabinet to provide easier and flexible installation. And since the compact 9390 cabinet can be installed against back and side walls, you have more location options, installation is fast and easy, deployment cost is lower, and you save valuable data center space.

Weight

At \$.30 per pound, the 9390 averages a cross-country freight savings of over \$630. With a transformerless design, Eaton UPS solutions meet or exceed virtually all floor loading standards. And with this lower weight, units can be moved without heavy capital equipment and can fit in all standard freight elevators.

Retrofit applications

The 9390 is perfect for retrofit operations. When an existing UPS is exceeding capacity but has no room to expand, or when the service contract is expiring, the existing UPS can be removed and replaced with a 9390 that offers more power in less space.

Serviceability and accessibility

Being a pre-wired, integrated module, the 9390 saves time and cost of installation and cabling expenses because of standard top or bottom entry design. And with front access, the 9390 can be placed in a corner or against a wall—easily available for service and saving valuable space.

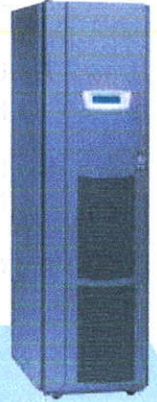
Big power, small footprint

EATON 9390

Weight = 580 pounds
18.9 x 31.6 in.

Competition's

Weight = 2700 pounds
32.5 in. x 34.9 in.



Service Plans

PowerTrust™ Eaton 9390 UPS Service Plans	Value	ProActive	PowerTrust PowerTrust	Preferred	Flex Contracts
Parts and Labor for Electronics	●	●	●	●	Custom Service Contracts
Parts and Labor for Batteries	○	○	○	○	
5x8 On-Site Corrective Maintenance	●	○	○	○	
7x24 On-Site Corrective Maintenance	○	●	●	●	
Next Business Day Response	●	○	○	○	
Eight-Hour Response	○	●	●	●	
Four-Hour Response	○	○	○	○	
Two-Hour Response	○	○	○	○	
5x8 UPS Preventive Maintenance Visit	One per year	○	One per year	○	
7x24 UPS Preventive Maintenance Visit	○	One per year	○	Two per year	
Battery Preventive Maintenance Visit	○	○	One per year	Two per year	
eNotify Remote Monitoring Service	●	●	●	●	
Discounted Spare Parts Kit, T&M, and Upgrades		30%	30%	30%	

- Included feature
- Optional

Proven warranty and support services

Customers consistently rank Eaton services number one in quality. Eaton's comprehensive, world-class service solutions are designed to improve costs, uptime, reliability, power quality and safety. And with 240 field technicians in North America and 1,200 international authorized service providers, Eaton has more service personnel than any other UPS manufacturer.

The standard factory warranty covers:

- System warranty: One year parts / 90 days labor
- Battery warranty: Two years parts / 90 days labor

Extensive service options for enhanced reliability

For support beyond the warranty period, Eaton offers enhanced service options including onsite startup, corrective and preventive maintenance, battery solutions, training, remote monitoring and factory spare parts and upgrades. Customizable three-phase UPS services packages allow customers to select the plan that provides the right combination of system uptime, convenience and value.

Performance features to maximize compatibility

Low input current THD enhances generator compatibility

Electronic devices and UPSs are built with some components that are non-linear. When voltage is applied to a circuit constructed of non-linear components, the circuit may not respond linearly (current may not follow the voltage in a linear manner). These components may even create frequencies other than the fundamental applied frequency (60 Hz).

These frequencies (harmonics) occur in odd multiples of 60 Hz. The degree of occurrence is called total harmonic distortion (THD). If the power source can't respond to all frequencies demanded by the circuit, then further distortion of the applied voltage may occur—creating more complication. Every UPS produces a level of harmonics. Unchecked, harmonics can reduce overall power factor, cause sensitive devices to malfunction, prematurely age equipment, and cause screens and displays to flicker.

To avoid these negative effects, the 9390 uses a special input circuit that keeps current THD at less than 4.5% at full load—without compromising efficiency. As a result, the 9390 transfers maximum power between the source and protected load and is exceptionally compatible with multiple power sources, especially auxiliary generators.

Power factor performance maximizes compatibility and meets high power factor load requirements

Power factor (PF) describes the slight phase shift between voltage applied to a circuit and current that the circuit draws in response to the applied voltage. The maximum power factor possible is unity (1.0), or no phase shift between the voltage applied and the circuit current response—maximum transfer of power between source and load. However, in the real world, the UPS must be able to accept power from and deliver power to circuits that have a wide range of power factors.

Older or worn equipment often results in lower power factor readings. Some new servers operate at unity power factor. Lightly loaded facilities such as brand new data centers, can often show leading power factor readings.

On output, the ultra high-speed switching pulse width modulation (PWM) inverter enables the 9390 to provide its full rated power capability to the load, down to 0.9 leading power factor without de-rating.

Double-conversion design offers highest available protection

Unlike other commercially available UPS technologies, the double-conversion design completely isolates output power from all input power anomalies and delivers 100% conditioned, perfect sine wave output—regulating both voltage and frequency, providing protection from all nine common power problems.

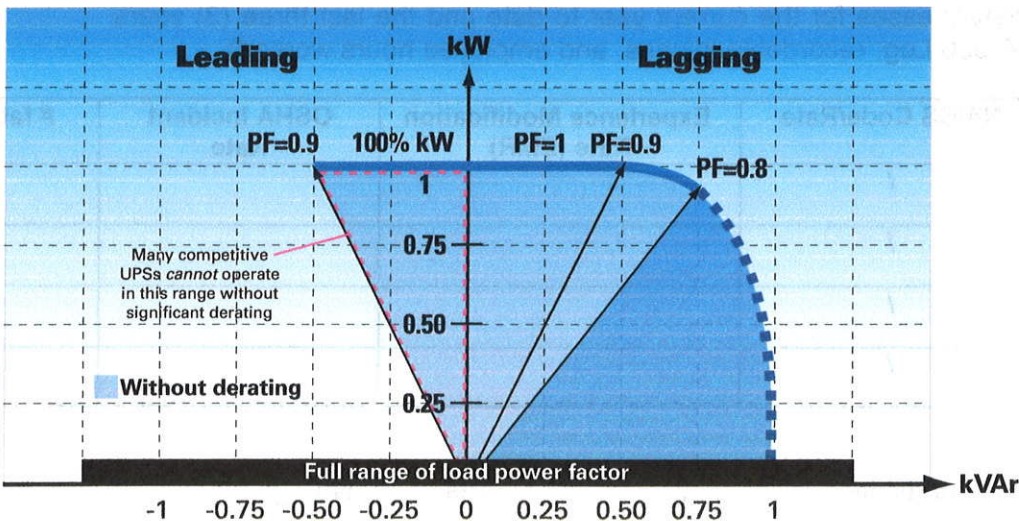
Due to the 9390's built in high-efficiency capability, it operates in a consistent, efficient status without compromising power protection. Even when presented with the most severe power problems, power output remains stable with the 9390. Output voltage THD is held within two percent of nominal specification for linear loads, within five percent for non-linear loads—making the 9390 ideal for supporting equipment that is sensitive to a distorted voltage input as a result of harmonic loads. In the event of a utility power failure, there is no delay transferring to backup power.

Advanced battery management optimizes battery performance and service life

The 9390 UPS offers innovative technologies to maximize the health and service life of its internal and external batteries:

- ABM technology uses a unique three-stage charging technique that significantly extends battery service life and optimizes recharge time when compared to traditional trickle charging
- Temperature-compensated charging monitors battery temperature and adjusts the charge rate accordingly, which properly charges the battery and greatly extends battery life
- An integrated battery management system tests and monitors battery health and remaining lifetime, providing user notification to guide preventive maintenance

LOAD POWER FACTOR RANGE CHART



Connectivity options for up-to-date system status and integration

Enhanced communication capabilities

The 9390 UPS is equipped with a variety of standard communications features for network connectivity and remote management applications, including:

- RS-232 serial port
- Four X-Slot® communication bays
- Relay output contacts
- Two programmable signal inputs
- Remote emergency power-off (REPO)

Easy network connectivity and monitoring

ConnectUPS-X card

The ConnectUPS-X Web/SNMP X-Slot card connects the 9390 directly to an Ethernet network and the Internet and enables graceful shutdown of multiple computers over the network. The ConnectUPS-X Web/SNMP also features a three-port switching hub.

Modbus® card

The Modbus card is an X-Slot device that allows continuous, real-time monitoring of the 9390 through a Building Management System (BMS) or industrial automation system.

Relay interface cards

The relay interface card for the X-Slot enables remote UPS shutdown and provides isolated dry contact Form-C relay outputs for utility failure, low battery, UPS alarm/OK, and on bypass.

Environmental Monitoring Probe

The environmental monitoring probe (EMP) works with the 9390 and ConnectUPS-X card to remotely monitor ambient temperature and relative humidity of the remote environment. The EMP can also be configured to provide status of two additional contact devices such as smoke detectors or open-door sensors.

Power Xpert® Gateway Series cards

Power Xpert Gateway Series X-Slot cards provide Web-enabled, real-time monitoring of UPSs, PDUs and RPPs through standard onboard Web pages, Power Xpert software or third-party software.

Power Xpert meters

Power Xpert meters combine state-of-the-art technology with next-generation power diagnostics, data trending and performance benchmarking with a twist-and-click LCD display.

Centralized control and visibility

The 9390 UPS is shipped with the Eaton Software Suite CD. The software suite includes the following applications, as well as a user-friendly wizard to guide users through software selection and installation:

- Intelligent Power Manager and LanSafe® power management software
- PowerVision® UPS performance analysis and monitoring software (30-day trial version)
- NetWatch network monitoring software

eNotify Remote Monitoring

Eaton's eNotify Remote Monitoring Service provides 24x7 real-time monitoring of the 9390 and battery systems and alerts both service technicians and the customer when a problem is detected. Proactive monitoring enables technical experts to respond immediately to more than 40 alarm conditions and, in many cases, resolve issues remotely with minimal or no downtime. Additional eNotify benefits include:

- One-way outbound status and event e-mails for security and reliability
- Fast diagnosis and notification of critical alarms
- Monthly customer reports including power event logs and overall UPS and battery health summaries



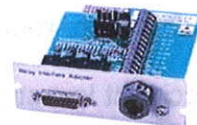
ConnectUPS-X Web/
SNMP X-Slot card



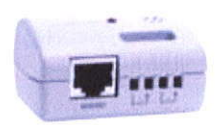
Power Xpert Gateway
Card 2000



Modbus card



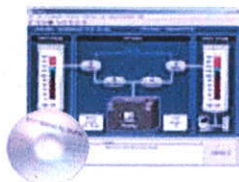
Relay Interface cards



Environmental
Monitoring Probe



Intelligent Power
Manager



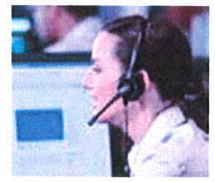
LanSafe®



Foreseer



PowerVision



eNotify

Available Integrated Cabinets

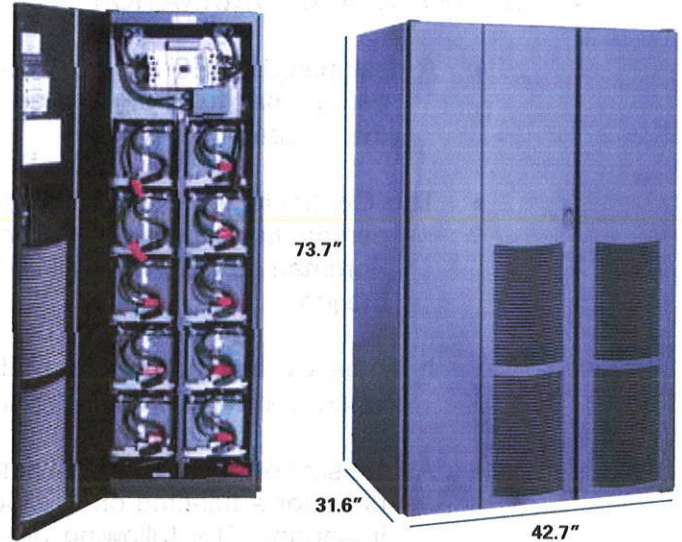
A full line of unified power distribution accessories

Integrated Battery Cabinet (IBC)

Eaton offers two versions of battery cabinets which line-up and match the 9390; the IBC-S and the IBC-L, each offering a wide array of runtimes. See eaton.com/9390 for options and runtime calculations.

Flexibility

- A variable battery bus accommodates 384 to 480V configurations, so the battery capacity can be matched to your exact runtime requirements – either a specific runtime, an extended runtime, an extension to an existing battery, or legacy battery installations
- Daisy chain up to four cabinets together for extended runtimes
- Remote configurations are available
- Front access only design and top/bottom cable entry provides installation flexibility and enhances servicing



IBC-S with door opened

IBC-L



40-80 kVA IDC Bypass/transformer/
distribution cabinet

Integrated Distribution Cabinet (IDC)

The Eaton IDC is specifically designed to compliment the 9390. With this optional cabinet, Eaton offers a complete, one-stop shop for power protection and distribution solutions that is easy to design, install, customize and manage – while delivering pay-as-you-grow scalability for future expansion.

Features

- Two, three or four-breaker maintenance bypass
- Transformer options up to K20
- (2) 42-pole panelboards
- Or
- (1) 42-pole panelboard and up to (3) 250A distribution breakers
- Or
- Up to (6) 250A distribution breakers
- Line and match or remote
- Casters and leveling feet
- Panelboards come with individual 225A main breaker
- Neutral rated for harmonic loads (200%)
- Distribution breakers are Eaton JG electronic trip
 - Two electronic sensors available 100A and 250A
 - 100A settings 40-100A trip (eight settings)
 - 250A setting 100-250A trip (eight settings)

Integrated Accessory Cabinets (IAC) for customizable configurations

Eaton offers several configurations of Integrated Accessory Cabinets (IAC) for use with the 9390 UPS.

The IAC is primarily available in two forms – either a 200 mm (8”) sidecar bolted to the UPS (maintenance bypass or tie) or a 570 mm (22.5”) free-standing cabinet (maintenance bypass, tie or distribution). The size of the IAC is primarily dependant on function and rating.

IAC-SB and IAC-B Maintenance bypass

Maintenance bypass configuration (MBP) and maintenance isolation (MIS) breakers enable power to completely bypass the UPS power module. The module can then be serviced safely or replaced without interrupting power to critical systems. An optional bypass breaker (BIB) and rectifier input breaker (RIB) provide a single wiring point input to the UPS as well as a convenient method for removing power from the UPS when using maintenance bypass to supply the load.

Features

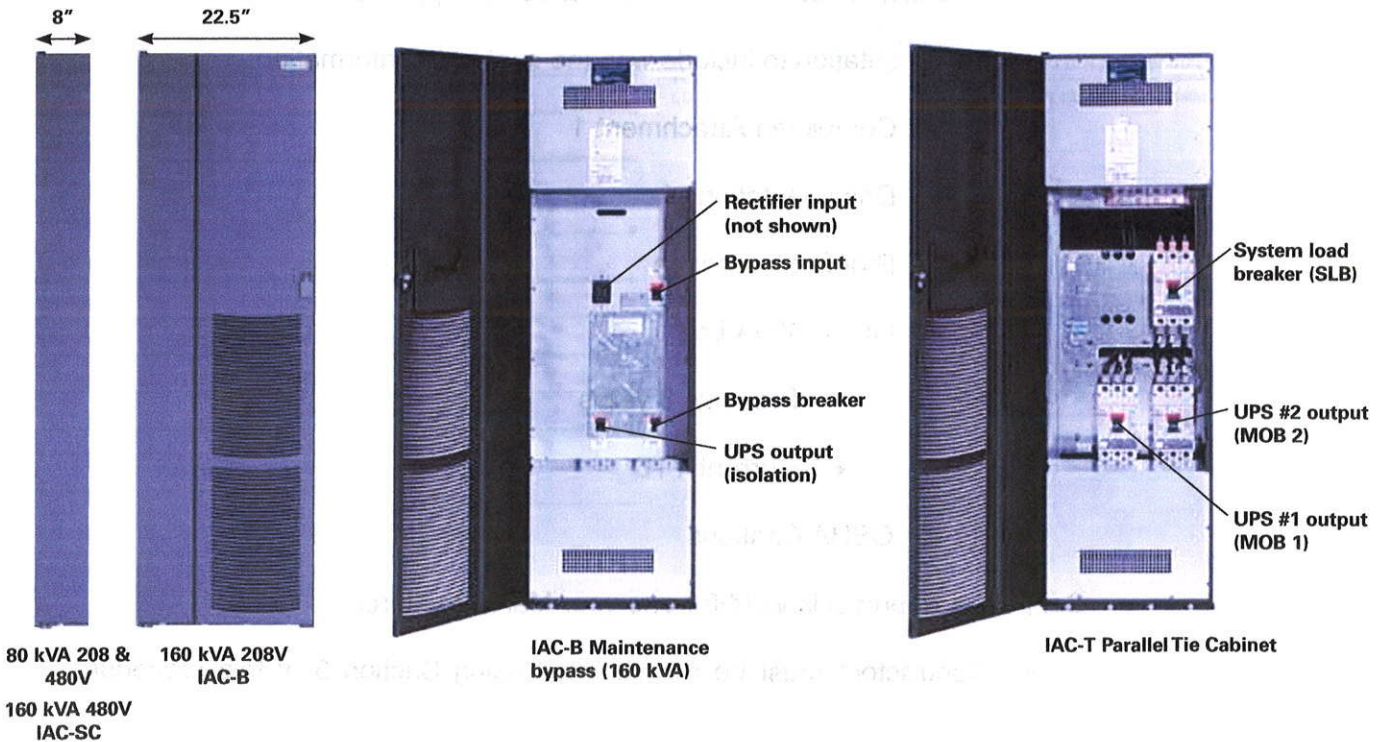
- Two, three or four-breaker maintenance bypass
- No internal transformers
- Smallest cabinet ships bolted to UPS (IAC-SB)
- Large cabinet can be remotely located (IAC-B)

IAC-ST and IAC-T Tie Cabinet

- Parallel UPS tie cabinet (redundant). See one-line diagram on next page.
- Two-breaker tie with maintenance bypass (IAC-T only)
- Two-breaker tie-with main output
- Two-breaker tie
- Wall-mounted maintenance bypass, tie and distribution panels are also available

IAC-D Distribution Cabinet

- Used to add (2) additional 42-pole panelboards
- Or
- (1) 42-pole panelboards and up to (3) 250A distribution breakers
- Or
- Up to (6) 250A distribution breakers
- Line and match or remote
- Casters and leveling feet
- Panelboards come with individual 225A main breaker
- Neutral rated for harmonic loads (200%)
- Distribution breakers are Eaton JG electronic trip
 - Two electronic sensors available 100A and 250A
 - 100A settings 40-100A trip (eight settings)
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RFQ No. AWD 133780

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: American Power & Lighting Systems

Authorized Signature: [Signature] Date: 6.27.13

State of WEST VIRGINIA

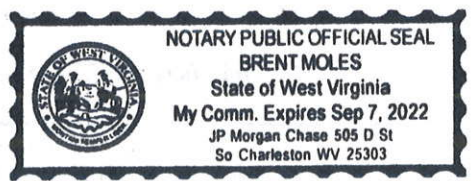
County of KANAWHA, to-wit:

Taken, subscribed, and sworn to before me this 27 day of JUNE, 2013.

My Commission expires SEPT 7, 2022.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]
Purchasing Affidavit (Revised 07/01/2012)



HOLD DOCUMENT UP TO THE LIGHT TO VIEW TRUE WATERMARK

HOLD DOCUMENT UP TO THE LIGHT TO VIEW TRUE WATERMARK



CASHIER'S CHECK

9203407525

25-3
440

Date 06/27/2013

Remitter

AMERICAN POWER AND LIGHTING SYSTEMS

Pay: FIVE THOUSAND DOLLARS AND 00 CENTS

Pay To The STATE OF WEST VIRGINIA
Order Of

\$ *****5,000.00 ***

Drawer: JPMORGAN CHASE BANK, N.A.

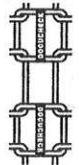
Michael Andrews

Memo: _____
Note: For information only. Comment has no effect on bank's payment.

Senior Vice President
JPMorgan Chase Bank, N.A.
Columbus, OH



WARNING — DO NOT CASH CHECK
WITHOUT NOTING WATERMARK.
HOLD TO LIGHT TO VERIFY WATERMARK.



X

MP

DO NOT WRITE / SIGN / STAMP BELOW THIS LINE

DEPOSITORY BANK ENDORSEMENT

FOR INFORMATION CONCERNING THIS INSTRUMENT

CONTACT:

JPMORGAN CHASE BANK, N.A.

1-866-593-0356

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