

Complete power quality solutions for server rooms and data centres

A man with glasses and a green button-down shirt stands with his arms crossed in a data center hallway. The background is blurred, showing a woman in an orange top walking away. The text 'Pre-packaged data centre solutions' is overlaid on the image.

Pre-packaged data centre solutions

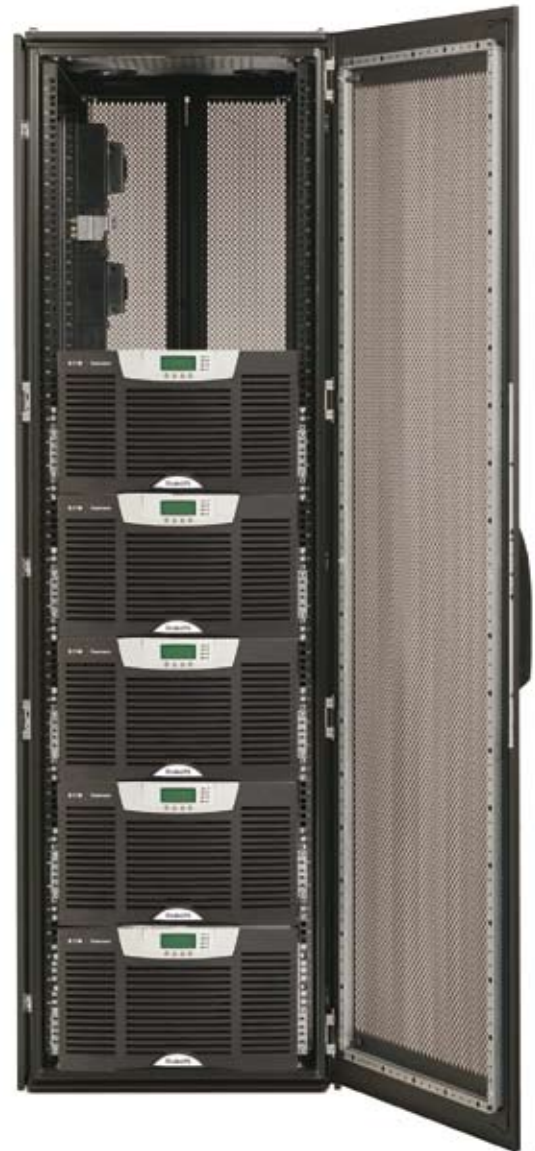
EATON

Powering Business Worldwide

Complete power quality solutions for server rooms and data centres

Today's data centre environment demands a power quality and power management solution that is both flexible and adaptable, without compromising the reliability of your power chain. That's why [Eaton®](#) has a driving focus on power quality solutions for enterprise and business IT systems, from network closets to large data centres. Eaton manufactures, sells and supports unified [data centre solutions](#) incorporating UPS products, enclosures, power distribution, advanced power management, reliability techniques and world-class [services](#).

Eaton offers a scalable and flexible solution for data centre power supply that incorporates enhanced products and which is specifically designed for data centre environments. This turnkey solution includes Eaton UPS, racks, environmental rack monitors and a comprehensive range of enclosure power distribution units (ePDUs). Eaton provides a best-in-class solution that gives our customers exceptional value whilst also being completely functional and highly reliable.



Benefits of Eaton solutions

- Choose from six pre-packaged, off-the-shelf solutions which include all necessary components for your IT environment.
- Fast and easy purchasing – our reseller will help you choose the right package for you. Only one part number is needed for the entire package.
- A flexible solution which adjusts to your changing environment.
- Eliminate time-consuming and costly additional orders for missing or additional parts. Eaton packages contain all the necessary components for a fully operational data centre power quality, power distribution, housing and environmental monitoring.
- Plug-and-play solutions incorporating high quality products: saves you valuable time by eliminating the need for complicated configuration work. An Eaton service technician can configure the package for you.

XS, S and M

3000 to 5000 VA power



Typical applications:

- small to medium-sized businesses
- network servers with limited space
- rack-mounted servers
- network storage systems

Saving your business time and money

Eaton offers a scalable and flexible solution for data centre power supply that incorporates enhanced products and which is specifically designed for data centre environments.

You will receive a complete solution for your IT environment which incorporates all necessary components, saving you valuable time by eliminating the need for complicated configuration work. An Eaton service technician can configure the package for you, and you will benefit from a complete plug-and-play-solution incorporating Eaton's high quality products.

Our reseller will help you to choose the right package for you, and only one part number is needed for the entire package. You will save valuable time and money as the packages are designed so that all the components fit together and to provide the best power solution for your needs. This eliminates the need for time-consuming or costly orders for missing or additional parts.

Solution XS

Eaton pre-packaged solution XS provides you with 3000VA of power. Solution XS includes a line-interactive [Eaton Evolution S UPS](#) with web and [SNMP capable network card](#), an [environmental monitoring probe](#) (EMP) and 0U Basic [ePDU](#). The 42U 2000 x 600 x 1000mm rack has a split rear door with castors, sidewalls and 42U x 150mm cable tray pair for cable management.

Solution S

Eaton pre-packaged solution S provides you with 3000VA of power. Solution S includes an online [Eaton EX UPS](#) with web and [SNMP capable network card](#), an [environmental monitoring probe](#) (EMP) and 1U Basic [ePDU](#). The 42U 2000 x 600 x 1000mm rack has a split rear door with castors, sidewalls and 42U x 150mm cable tray pair for cable management.

Solution M

Eaton pre-packaged solution M provides you with 5000VA of power. Solution M includes an [Eaton MX UPS](#) with web and [SNMP capable network card](#), an [environmental monitoring probe](#) (EMP) and 1U Basic [ePDU](#). The 42U 2000 x 600 x 1000mm rack has a split rear door with castors, sidewalls and 42U x 150mm cable tray pair for cable management.

Pre-packaged data centre solutions



Evolution S 3 kVA

- 3000 RT 2U Netpack
- line-interactive HF technology
- protection for 1 to 15 servers
- ideal for network devices and rack-mounted servers

or

Pulsar M 3 kVA

- 3000 RT 2U Netpack
- modular on-line double conversion UPS
- ideal for servers, data storage and network equipment

or

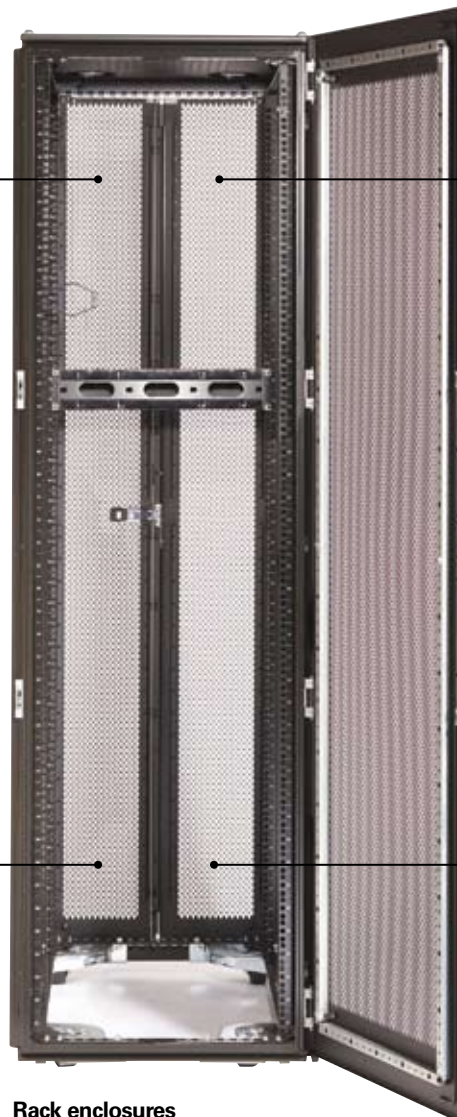
Pulsar MX 5 kVA

- 5000 RT 3U Netpack
- high-performance double conversion UPS
- ideal for departmental networks, servers and workstations



Web SNMP card

- Easy monitoring and management through web browser
- Enterprise wide monitoring with SNMP
- E-mail capability



Rack enclosures

- Universal server platform (EIA 310-D)
- Perforated doors (67% airflow)
- 42U, 600mm (w), 1000mm (d)
- 1000kg load capacity
- 19" Floating Z-server rails front and rear
- Lockable doors, split rear doors
- Perforated roof with cable entry
- Leveling feet



EMP

- Monitors temperature, humidity, and status of two contacts/sensors
- Can be located up to 20 meters from the UPS
- Measures ambient temperatures between -20 °and 80 °C
- Measures relative humidity between 10 and 90 percent
- Displays status on Web page or network management system



Basic ePDU

- Rugged design for reliable performance
- Data centre grade components
- Multiple mounting options
- Quick and easy installation
- Standard two-year warranty

Package contents [\(click the links for detailed product information\)](#)

XS 1029266

3kVA, one enclosure, 40U free for IT equipment

Eaton [Evolution S](#) 3000 RT 2U Netpack (incl. web SNMP card)

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, castors, sidewalls
42U x 150mm cable tray, pair

[EMP](#) – Environmental Monitoring Probe

[ePDU](#) Basic 0U, 16 Amp input plug – 3M lead, output style C13 x 20 + C19x4

S 1029267

3kVA, one enclosure, 40U free for IT equipment

Eaton [EX](#) 3000 RT2U Netpack (incl. web SNMP card)

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, castors, sidewalls
42U x 150mm cable tray, pair

[EMP](#) – Environmental Monitoring Probe

[ePDU](#) Basic 0U, 16 Amp input plug – 3M lead, output style C13 x 20 + C19x4

M 1029268

5kVA, one enclosure, 39U free for IT equipment.

Eaton [MX](#) 5000 RT3U Netpack (incl. web SNMP card)

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, castors, sidewalls
42U x 150mm cable tray, pair

[EMP](#) – Environmental Monitoring Probe

[ePDU](#) Basic 0U, 16 Amp input plug – 3M lead, output style C13 x 20 + C19x4

Enterprise Power Manager (EPM) Software available for monitoring and managing multiple ePDU and UPS systems up to 10Kva over an IP network.

L, XL and XXL

12-60 kW power N+1



Typical applications:

- small and medium-sized data centres
- network environment
- storage applications

Saving your business time and money

Eaton offers a scalable and flexible solution for data centre power supply that incorporates enhanced products and which is specifically designed for data centre environments.

You will receive a complete solution for your IT environment which incorporates all necessary components, saving you valuable time by eliminating the need for complicated configuration work. An Eaton service technician can configure the package for you, and you will benefit from a complete plug-and-play-solution incorporating Eaton's high quality products.

Our reseller will help you to choose the right package for you, and only one part number is needed for the entire package. You will save valuable time and money as the packages are designed so that all the components fit together to provide the best power solution for your needs. This eliminates the need for time-consuming or costly orders for missing or additional parts.

Solution L

Eaton pre-packaged solution L provides you with 12kW of power. Solution L includes an [Eaton BladeUPS](#) with integrated [ConnectUPS SNMP card](#), an [environmental monitoring probe](#) (EMP), 0U [monitored ePDU](#). Solution L also includes a 42U rack enclosure and cable tray pair for cable management.

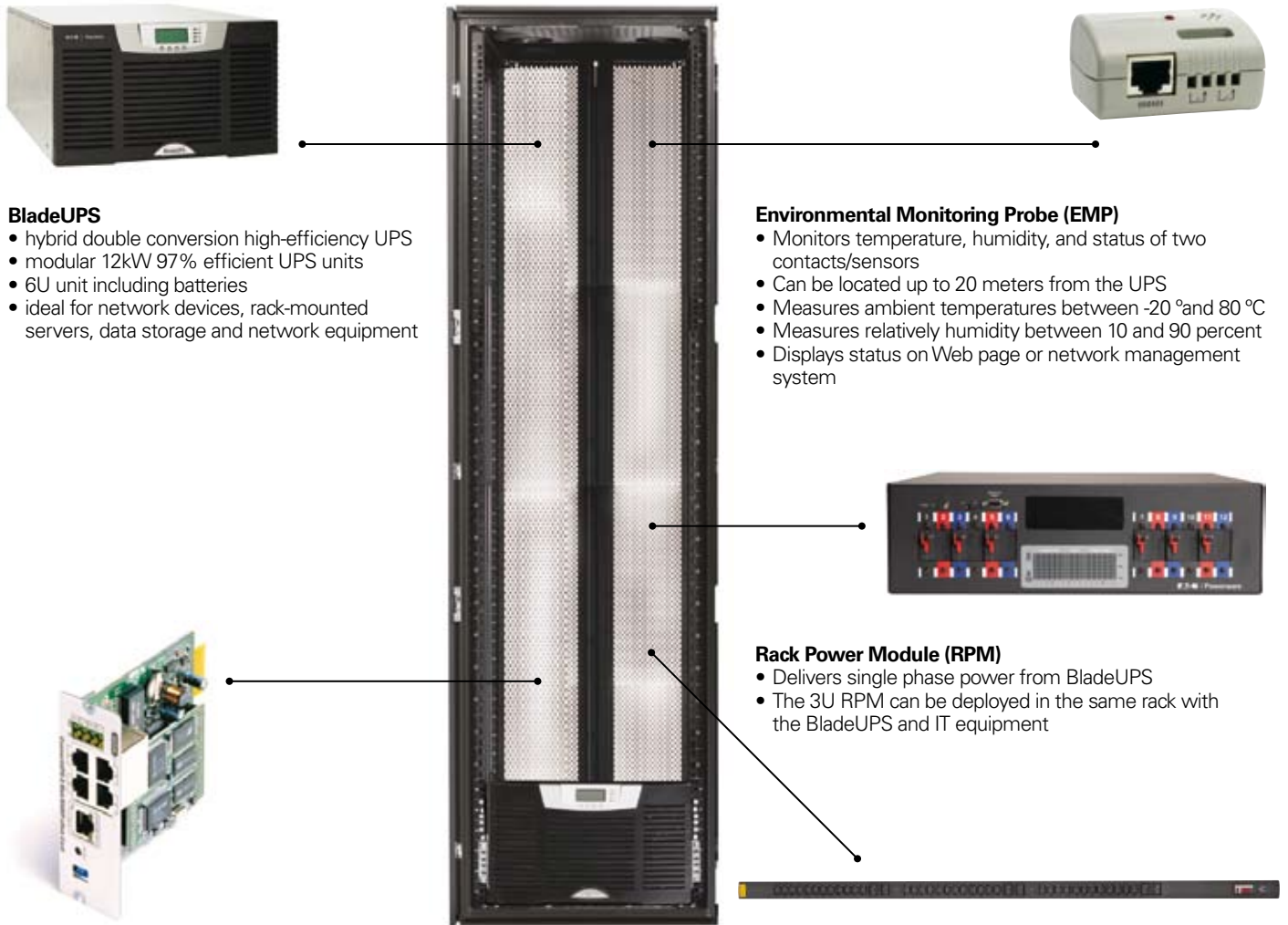
Solution XL

Eaton pre-packaged solution XL provides you with 12kW N+1, or really in this case 1+1 power. Solution XL includes two [Eaton BladeUPS](#), 12kW each. A [ConnectUPS SNMP card](#), an [environmental monitoring probe](#) (EMP), two 0U [monitored ePDU](#) and a rack power module (RPM) to deliver the power from the BladeUPS to the data equipment. Solution XL includes two 42U rack enclosures and cable tray pair for cable management.

Solution XXL

Eaton pre-packaged solution XXL provides you with 60kW N+1 power. Solution XXL includes six [Eaton BladeUPS](#), 12kW each. A [ConnectUPS SNMP card](#), an [environmental monitoring probe](#) (EMP), ten 0U [monitored ePDU](#) units and 5 rack power modules (RPM) to deliver the power from the BladeUPS to the equipment. For this system we use six 42U rack enclosures with cable tray pair for cable management.

Pre-packaged data centre solutions



BladeUPS

- hybrid double conversion high-efficiency UPS
- modular 12kW 97% efficient UPS units
- 6U unit including batteries
- ideal for network devices, rack-mounted servers, data storage and network equipment

Environmental Monitoring Probe (EMP)

- Monitors temperature, humidity, and status of two contacts/sensors
- Can be located up to 20 meters from the UPS
- Measures ambient temperatures between -20 °and 80 °C
- Measures relative humidity between 10 and 90 percent
- Displays status on Web page or network management system

Rack Power Module (RPM)

- Delivers single phase power from BladeUPS
- The 3U RPM can be deployed in the same rack with the BladeUPS and IT equipment

X-slot communication card

- Easy monitoring and management through web browser
- Enterprise wide monitoring with SNMP
- E-mail capability

Rack enclosures

- Universal server platform (EIA 310-D)
- Perforated doors (67% airflow)
- 42U, 600mm (w), 1000mm (d)
- 1000kg load capacity
- 19" Floating Z-server rails front and rear
- Lockable doors, split rear doors
- Perforated roof with cable entry
- Leveling feet

Monitored ePDU

- Monitor power consumption over Ethernet
- Easy-read digital ammeter with up to 8 circuits
- Manual or auto scrolling through circuits

Package contents [\(click the links for detailed product information\)](#)

L 1029269

12 kW, one enclosure, 36 U free for IT equipment

[BladeUPS](#) Single Unit 12kW 400V (IEC 309-32A 5W in, 5W + RPM out) SNMP

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, with castors, sidewalls

42U x 150mm cable tray, pair

[ePDU](#) – IP monitored 0U, 16 A input plug – 3M lead, output style C 13x36 + C19x6

[EMP](#) – Environmental Monitoring Probe

XL 1029270

12 kW N+1, two enclosures, 63 U free for IT equipment

[BladeUPS](#) 12kW 400V (parallel cord for BladeBar in/out, RPM out)

42U rack enclosure with BladeBar and Bottom WWW, NOT pre-configured

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, with castors, without sidewalls

RPM – Rack Power Module (BladeUPS in, 12xC13 + 6xC19 out) 10ft lead

42U x 150mm cable tray, pair

[EMP](#) – Environmental Monitoring Probe

[ConnectUPS-X](#) Web/SNMP/xHub card

[ePDU](#) – IP monitored (0U, Dual 16A C20 in, 24xC13+ 8xC19 out) used in addition to RPM

TS Baying clamp, external

XXL 1029271

60 kW N+1, six enclosures, 195 U free for IT equipment

[BladeUPS](#) 12kW 400V (parallel cord for BladeBar in/out, RPM out)

42U rack enclosure with BladeBar and Bottom WWW fitted, NOT pre-configured

[Rack enclosure](#) 2000 x 600 x 1000mm, split rear door, with castors, without sidewalls

RPM – Rack Power Module (BladeUPS in, 12xC13 + 6xC19 out) 10ft lead

RPM – Rack Power Module (BladeUPS in, 12xC13 + 6xC19 out) 20ft lead

42U x 150mm cable tray, pair

[EMP](#) – Environmental Monitoring Probe

[ConnectUPS-X](#) Web/SNMP/xHub card

[ePDU](#) – IP Monitored (0U, Dual 16A C20 in, 24xC13+ 8xC19 out) used in addition to RPM

TS Baying clamp, external

Eaton data centre solutions

Eaton, the industry leader in power quality, is the single source for your data centre power quality and power distribution requirements – from planning and turnkey installation to services for the life of your data centre. Whatever your requirements and the application, Eaton delivers the right solution with the required components and systems to meet your needs and save you time and money.

Eaton is your one-stop resource for IT power protection and distribution needs, for small businesses to large enterprises. IT managers can simplify their operations and reduce total cost of ownership by relying on Eaton for adaptive infrastructure solutions that thoroughly address critical power issues.

Count on Eaton for flexible solutions to power, protect and organise IT equipment in a changing world. Eaton is the leading UPS vendor for the IT sector, named by Frost & Sullivan as “2008 UPS Company of the year in Europe.” For more information, visit www.eaton.com/powerquality

Ten Ways to Protect your IT Infrastructure

Don't get caught in the dark. Download this [free white paper](#) on the common risks facing your IT systems and the 10 steps you can take to prevent or mitigate these risks.

Eaton's quarterly newsletter for IT professionals.

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March 2009

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Powering Business Worldwide