Eaton eATS Monitored

15-, 20- and 30-amp rack automatic transfer switches

*LCD available on 15- and 20-amp models only

F·T·N

Powering Business Worldwide

Gain redundant power with Eaton eATS Monitored

Eaton's eATS Monitored models enable seamless switching of non-phase synchronized AC power sources in the event of a power failure.

Generally used to provide power redundancy to equipment with a single power supply, the eATS automatically transfers power between sources with no interruption if the primary source fails or requires maintenance, eliminating equipment downtime.

Remotely monitor alerts, provide redundant power and keep key mission-critical applications running with this reliable and easy-to-use solution.

Features:

Graphical LCD

Available on 15- and 20-amp eATS models, the LCD simplifies eATS monitoring by displaying current and voltage monitoring to prevent overloading the PDU, identifying which source is being output and providing alarm warnings.

Fast transfer time

Eaton's network-connected eATS Monitored solution delivers an approximate 10 milli-second* transfer time to ensure power supplies stay on during transfer, and that critical equipment stays operational.

*See technical specifications on page 4 for model-specific data

Network connection

The included communication card provides remote monitoring capabilities. In the event of a power drop, you will be alerted by email or your management software. The eATS allows you to continue running on the B feed, but alerts you of any issues with the A feed.

Out-of-phase transfer

The eATS Monitored safely transfers non-synchronous power sources. The Eaton eATS can be installed anywhere–regardless of phase wiring—without worrying about damage due to out-of-sync sources.

Eaton eATS models:

EATS30P – No LCD

EATS120 – LCD included

Dual inputs and 10 outputs deliver redundant power to allow continuous uptime to your critical equipment

❶ **Graphical LCD (available on the 15- and 20-amp models) signifies which source is being output (30-amp models have a static display for identifying the source)**

❷ **Test button can be used to manually force transfer**

❸ **Network card supports IPv6 and provides remote monitoring capabilities via web browser or SNMP**

Eaton eATSs can save you money and keep you informed

In order to ensure redundancy for a single power supply device you can install a second power supply in each device. Another way to ensure redundancy is to use an eATS PDU.

Adding a second power supply for each server takes time and money:

$250+

$250+

$250+

$250+
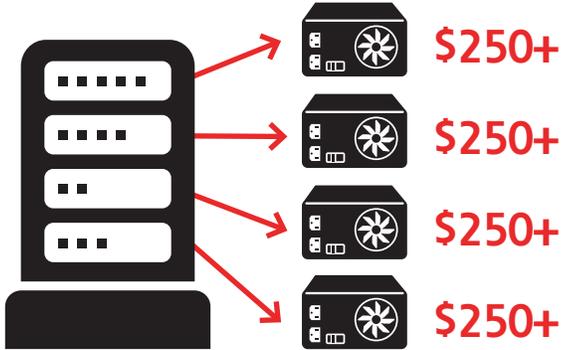
Your cost: **$1,000**

An Eaton eATS offers a cost effective way to create redundancy for your IT devices:
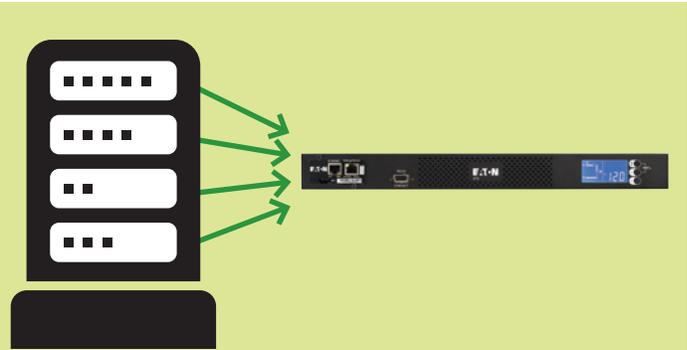
Your cost: **$655***

Total savings: $345 (34.5%)

Improve airflow

Prevent downtime

Up-to-the-second data

Remote monitoring

It's **more** than just a **money** saver . . .

The benefits go beyond cost savings

In addition to the financial savings, connecting your IT equipment to one eATS PDU--rather than installing multiple additional power supplies--provides a more **versatile option,** enabling **local and remote power monitoring.**

This **up-to-the-second data** ensures you can take action on a minor issue before it becomes a catastrophe, creating an IT infrastructure that is **less vulnerable to downtime.**

You'll also **improve airflow management** by using less cabling, which **saves money on cooling costs.**

Plus an **eATS can survive several server generations,** creating redundancy for any replacement servers **without adding any additional cost.**

*Source: Eaton eATS Monitored pricing for 20-amp, 120V model cited from CDW Corporation's website

Eaton eATS configurations

Eaton's eATS Monitored models can be used in a variety of different configurations to monitor and manage connected equipment.
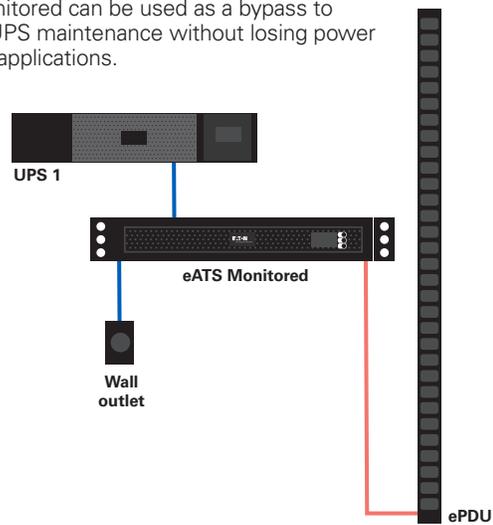
Dual-feed UPS:

eATS Monitored manages input from a pair of UPSs to create a redundant environment ensuring system uptime.

UPS 1

eATS Monitored

UPS 2
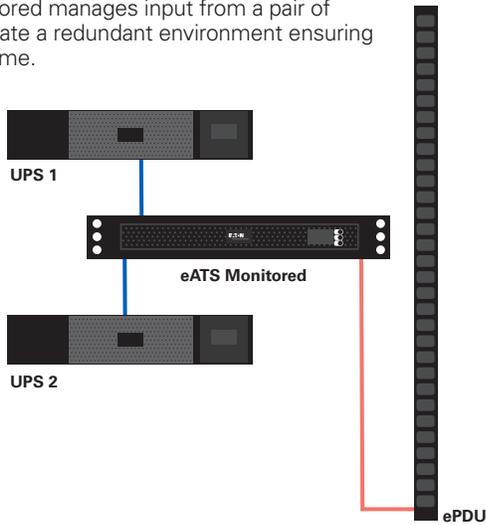
ePDU

UPS bypass:

eATS Monitored can be used as a bypass to perform UPS maintenance without losing power to critical applications.

UPS 1

eATS Monitored

Wall outlet

ePDU

Dual-feed PDU:

Dual redundancy created for a single output device using A and B feed ePDUs.

eATS Monitored

A feed ePDU

B feed ePDU

Single cord device (server)

—— Output from ATS   —— Input to ATS
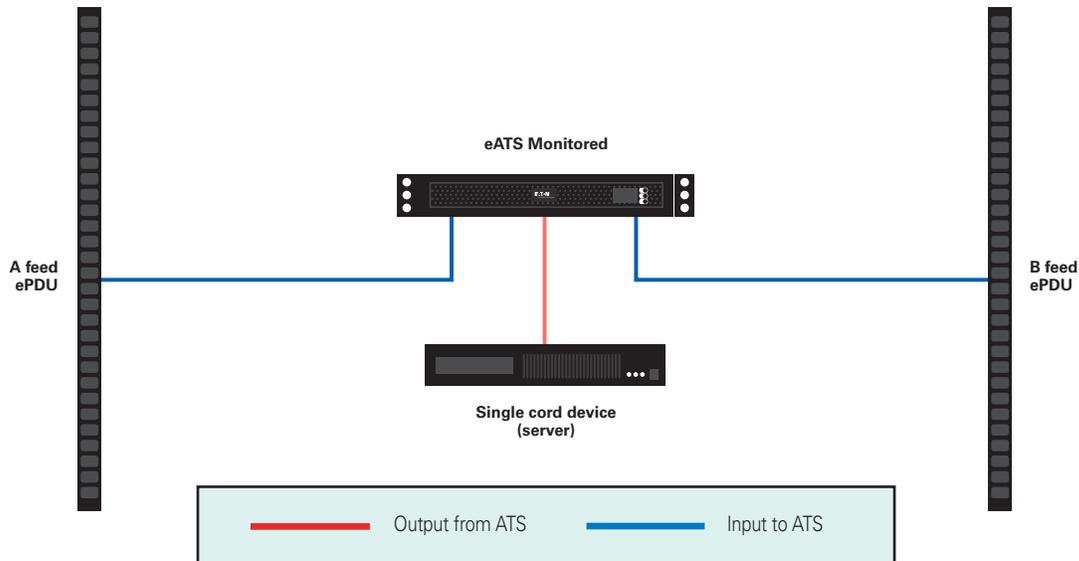
EATON eATS MONITORED TECHNICAL SPECIFICATIONS

Catalog number	Power input	Voltage (V)	Current (A)	Max kW	Cord (ft)	Output	Graphical LCD	Transfer time (milli-seconds)	Dimensions (H x W x D) (in)
EATS115	(2) 5-15P	120	12	1.44	10	(10) 5-15R	Yes	8-10 18-20 (unsynchroized)	1.7 (1U) x 17.25 x 9.84
EATS120	(2) 5-20P	120	16	1.92	10	(10) 5-20R	Yes	8-10 18-20 (unsynchroized)	1.7 (1U) x 17.25 x 9.84
EATS220	(2) L6-20P and C20 cords	200–240	16	3.33	10	(8) C13, (1) C19	Yes	8-10 18-20 (unsynchroized)	1.7 (1U) x 17.25 x 9.84
EATS30H	Terminal block	200–240	24	5.76	None	Terminal block	No	12	1.7 (1U) x 17.3 x 13.8
EATS30P	(2) L6-30P	200–240	24	5.76	10	(1) L6-30R	No	12	1.7 (1U) x 17.3 x 13.8

For more information about the eATS Monitored, please visit: Eaton.com/eATS

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