Frequently Asked Questions

Do you have 120, 208, and 240 versions?
The µATS-LV is rated for 12 amps at 120 volts. The µATS-HV is rated for 8A at 208-240 volts.

Are the units UL and CE approved?
The µATS™ family is UL approved. The CE certification is in-process.

How do I purchase the µATS™?
The µATS™ is available in through Zonit Distributors, Manufacturer Representatives, Resellers, and Contractors. Please call 720-266-0050 for more information.

What are the µATS™ switching times?
In the event of a power problem on the A supply, the µATS™ switches from A-B in 12-14ms. Once power on A is restored, the quality is monitored for 7 seconds and, if good, the uATS will switch back from B to A in 6-8ms.

Can I use the µATS™ on dual-corded devices with two power supplies?
Yes. Clients are using the uATS on devices with up to six power supplies/cords.

The Zonit µATS™ is compatible with all standard server power supplies and eliminates the need to buy servers with two power supplies when using filtered utility line power. This provides a huge cost savings. It can be reused with many generations of servers, which makes it a very long-lived, cost-effective, and green solution.

What is the µATS™ Virtual Circuit Breaker?
The Zonit µATS™ comes equipped with a Zonit patent-pending *VirtualCircuit Breaker*.

The unit will sound an audible alarm if current levels are *e*xceeding the respective 8A or 12A limit and if the over-current draw continues, the µATS™ will disconnect from the power source and illuminate a red LED. It can then be reset via a reset button on the unit. The internal interrupter fuse is blown only in the event of a catastrophic failure, such as a direct short-circuit of the device(s) plugged into the output of the µATS™.

How is the uATS designed for large deployments?
The Zonit µATS™ is engineered to be deployed in parallel in large numbers, unlike many other automatic transfer switches. This is done by controlling the timing of the switches between the A and B power sources, which is done so that the generators throttle response under load has sufficient time to stabilize. If not, power source switches between the A side and the B side (generator side) could introduce an increasing amplitude resonance on the load of the generator, potentially affecting it.

Does the µATS™ always start-up on the B power?
Upon initial installation, the µATS™ starts on B power and then switches to A.

Is it intelligent, can it be monitored?
The µATS™ has an audio alarm plus five LED's for immediate feedback on load, over-volt, over-current, A is active, and is B active. The µATS™ does not have Ethernet connection. Ethernet & SNMP monitoring can be done at the UPS, PDU, and/or power strip levels.

How long are the A&B cords?
The standard µATS™ cord is either 24" or 72" in length. Also, four (4) foot extension plug adapters can be purchased to extend the lengths of the 24" and 72" cord lengths.

MAXPOWER CORPORATION
230 Yuma St., Denver, CO 80223 / Tel (800) 576-3966 / Fax (800) 577-4096 / www.maxpowercorp.com

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How does the reset button work?
The blue reset button located on the end of the device is inoperable until the internal virtual circuit is tripped.

How do I know the status of the µATS™?
LED status lights are located on the end of the device, next to the blue reset button. The color coded LED lights are identified on the label affixed to the case.

If there was a mechanical failure within the µATS™, does it affect the power supply of the end-user device?
No. Upon a possible mechanical failure of the µATS™, the unit becomes a simple pass through power cord.

How do I perform a "Hot Move"?
The cord lengths on the µATS™ enable moving equipment to a nearby rack. Also, clients have used an extension cord or battery source connected to the B side, then unplugged the A side, moved the equipment to the desired location and re-established the A connection followed by the B connection.

How do I fasten the µATS™ to my device?
The µATS™ is manufactured with two integrated holes. The µATS™ also ships with a retention kit consisting of two zip tie retainers and two zip ties. The bracket fastens to the back of the equipment under an available screw on the back of the equipment. The retainer and integrated holes are attached via one or two zip ties.

The picture shows an optional retention kit, is that included with the purchase?
Answer: YES

What if I have a power connection that requires a different plug end?
A plug adapter can be ordered for your specific need or for large scale projects the µATS™ can be tailor made with the appropriate plug end.

How does the uATS work with modern power supplies?
The Zonit µATS™ was designed to work properly with modern switched computer power supplies, and it detects power loss and switches between the A-B power sources within the timing guidelines in the CBEMA Voltage vs. Time curve graph,. The µATS™ also was designed to detect critical power quality problems, (over-voltage, under-voltage sag, and AC frequency shifts) that can adversely affect computer power supplies and transfer to the B power source before any of these problems actually impact the equipment power supply.

What is the warranty?
The µATS™ has a 3-year warranty. The zPDS™ has a 25-year warranty.

Where is the device manufactured?
Zonit Structured Solutions is an American company located in Boulder, CO – and all Zonit products are manufactured in the USA.

Is the µATS family RoHS, TAA, and BAA compliant?
Yes