


Safety and Regulatory Statements





For more information on this product, visit www.Vertiv.com to download the user manual.


Safety Symbols


One or more of the following symbols may be included in your product documentation and/or on the product.


 Instructions: This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the product user manual.


 Dangerous Voltage: This symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 Power On: This symbol indicates the principal on/off switch is in the on position.

 Power Off: This symbol indicates the principal on/off switch is in the off position.

 Functional Ground Terminal

 Lithium-ion Battery: This symbol indicates that the product contains a lithium-ion battery.

 USB Port: This symbol indicates that the product contains a USB port.

Safety Precautions

WARNING: *To avoid potentially fatal shock hazard and possible damage to equipment, please observe the following precautions. All safety information must be read, understood and strictly adhered to before installing, powering, or using the product.*

- *Do not turn the product on until product installation is complete.*
- *Visually inspect all components for damaged or frayed power cords/cables and for damaged panels, controls, and connectors. If damage is detected, remove the equipment from service until the damage is repaired. In the case of an issue with the power cord, it should only be replaced by an equivalent cord of the same type and rating. Contact Vertiv Technical Support if a replacement power cord is needed. Do not replace the cord with an inadequately rated power cord.*
- *The load lead harness which plugs into the Resistance Steps connector is the primary disconnect device. Unplug this connector to disconnect power from the battery monitor.*
- *Do not connect this product to the Public Switched Telephone Network (PSTN).*
- *Ensure the ventilation ports and equipment openings are not blocked. This product must have adequate ventilation to prevent overheating and must be operated within specified temperature and humidity ranges.*
- *Use safety equipment when working with and around the batteries.*
- *Only use wires supplied with the installation kit.*
- *Do not connect the wire harness to the product until wire harness installation is complete and terminated to the battery posts.*
- *Only use fuses with the required rated current, voltage and type (such as normal, slow blow, fast blow or time delay) for protection. Before making any connections to the battery, ensure the fuses are not in lead fuse holders. Do not install the fuses until the entire system is commissioned.*
- *This product has no user-replaceable components; do not remove equipment covers, shields, or panels. Component repair, maintenance, replacement, and internal adjustments must be made only by qualified service personnel. Contact your Vertiv representative and request assistance.*
- *Except as explained in the user documentation, do not attempt to service Vertiv equipment. Never service equipment alone and never attempt internal servicing or adjustment of this equipment while it is connected to the battery circuit unless another person who can call or perform first aid resuscitation is present.*
- *Do not substitute parts or perform unauthorized modifications to the product. If necessary, contact Vertiv Technical Support to ensure safety features are maintained.*

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WARNING: High voltages exist inside the system components and terminals. Do not exceed the voltage, power ratings, or capabilities of the equipment. Only trained and technically-qualified personnel should remove component covers since high voltages are present. Failure to comply with this restriction can cause a safety hazard and/or void the product warranty.

This product is for use with other products that are Listed or Certified by a Nationally Recognized Testing Laboratory (NRTL).

This product is for indoor use only [Measurement Category O (500V Transient Rating)/pollution degree 2] and should be operated at an altitude of zero to 2,000 meters above sea level.

The Vertiv Alber Universal Xplorer Industrial Monitor (UXIME) battery monitor must be installed in a restricted access location.

General Product Safety Information

Proper installation and testing are essential for the system to function correctly. If you have questions, contact your Vertiv representative and request battery monitor assistance. The protective features of this product may be compromised if it is used in a manner not specified in the user documentation. If the system has features and/or accessories not described in the user documentation, contact your Vertiv representative. All safety precautions must be observed during all phases of product use, including installation, operation, service, and repair. Failure to comply with any safety precautions or product warnings within the user documentation violates the safety standards of design, manufacture, and intended product use. Vertiv assumes no liability for failure for users to comply with these requirements.

System Component Cleaning Safety Instructions

WARNING: Before cleaning equipment, ensure the system is disconnected and power to the units has been shut off. If a cabinet is being used, the cabinet and the system components must all be disconnected from the AC and/or DC power sources.

Clean system components using a soft cloth. Do not use commercial or industrial cleaners that may damage the housing. Never expose system components to water, high humidity or dampness.

Sense Lead and Ring Terminal Cleaning Safety Instructions

On some applications, it may be necessary to clean the sense leads where they connect to the battery. Due to the possibility of electrolyte dripping or splashing onto the sense lead connections, this is typically required while monitoring the flooded batteries. Sense leads exposed to electrolyte must be neutralized. Follow the battery manufacturer's recommendations for cleaning battery connections.

Rack Mounting Safety Instructions

If mounting this product in an equipment rack, the following considerations shall apply for safe installation and use of this product:

- **Elevated Ambient Temperature:** If installed in a closed rack assembly, the operation temperature of the rack environment may be greater than room ambient. Use care not to exceed the rated maximum operating temperature for this product. The rated maximum operating temperature is specified in the technical specifications section in the product user manual.
- **Reduced Air Flow:** Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.
- **Mechanical Loading:** Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- **Circuit Overloading:** Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of circuits might have on overcurrent protection and supply wiring. Consider equipment nameplate ratings for maximum current.
- **Reliable Earthing:** Reliable earthing of rack mounted equipment should be maintained. Pay particular attention to supply connections other than direct connections to the branch circuit (for example, use of power strips).

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Damaged Equipment Warnings

WARNING: *Do not operate damaged equipment.*

Equipment appearing to be damaged or defective must be made inoperative and be secured against unintended operation until repaired by qualified service personnel. Whenever the safety protection features built into this product are impaired by physical damage, excessive moisture or any other reason, remove power and do not use the product until safe operation can be verified by qualified service personnel. If necessary, contact Vertiv Technical Support to ensure safety features are maintained.

EMI Statements

Products which are certified for EMC in the regions or countries indicated will have the required marking or statement on the product label. The applicable statement for that country is listed below.

European Union

WARNING: *This is a class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.*

Waste Electrical And Electronic Equipment (WEEE) Directive

 In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

USA

WARNING: *Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

NOTE: *This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.*

Additional Certification Information

Certifications for this product are obtained under one or more of the following designations: CMN (Certification Model Number), MPN (Manufacturer's Part Number) or Sales Level Model designation. The designation that is referenced in the certification reports and/or certificates are printed on the label applied to this product.



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