
Battery Cabinet Operation Specifications

What is included in the Battery Cabinet Manual?

This manual contains important instructions that should be followed during installation and operation of the battery cabinet. This product is designed for commercial / industrial use only, with UPS systems. It is not intended for use with life support and other designated critical devices.

What temperature is the battery cabinet rated for?

The battery cabinet is rated for operation in up to a 40°C (104°F) ambient temperature. The batteries are rated for a 25°C (77°F) ambient temperature to extend their useful life. It is recommended for optimal battery life and discharge performance to keep the ambient air temperature the battery is used in at 25°C (77°F).

What are the safety requirements for a battery cabinet?

The battery cabinet must be properly earthed/grounded and due to a high leakage current, the earthing/grounding conductor must be connected first. Failure to follow these instructions will result in death or serious injury. Battery Safety DANGER

What are the battery cabinet external wiring requirements?

The battery cabinet external wiring requirements are shown in Tables D and E. NOTE 1: All specified wire sizes are 90 C rated copper minimum. NOTE 2: Replace with same type and number of original battery. Mixing battery letter designation and or sizes will damage equipment and void warranty.

Refer to the appropriate Eaton 93PM UPS Installation and Operation manual listed in paragraph 1.7 For More Information for UPS cabinet conduit and terminal specifications and ...

The battery cabinet is heavy [with battery modules installed] (see Table 3). If unpacking and unloading instructions are not closely followed, the cabinet may tip and cause ...

The Integrated Battery Cabinet (IBC) systems are housed in single free-standing cabinets. Two models are available: Model IBC-S (small cabinet) and Model IBC-L (large ...

Download the Battery Cabinet BC29 Installation, Operation, & Maintenance Manual. This manual provides detailed information on installation, operation, and maintenance of the BC29 ...

NOTE: The battery temperature must return to 3°C / 5°F of the room temperature before a new discharge at maximum continuous discharge power. If not, the battery breaker may be ...

Battery cabinets that are not supplied with an incorporated DC output disconnect device must have an appropriate disconnect device provided external to the cabinet.

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