



Instructions for Use of 400V Data Center Battery Cabinet

This PDF is generated from: <https://smartflooringsolutions.co.za/06-10-19-6807.html>

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Generated on: 2026-05-20 00:09:37

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How many cabinets can be paralleled with a 93pm 100-400 kW UPS?

Up to four cabinets can be paralleled with a 93PM 100-400 kW UPS. Figure 38 shows the UPS and 93PM IBC-L or 93PM IBC-LH intercabinet interface connection onelines. Battery Detect and DC Shunt Trip wiring should be a minimum of 18 AWG. Four battery cabinets shown. Battery cabinets 5 through 8 are wired the same.

Where do I install a line-up and match Battery Cabinet?

Line-up-and-match battery cabinets are installed adjacent to the UPS. The recommended installation location is on the right side of the UPS cabinet as viewed from the front of the cabinet. See Figure 3 for line-up-and-match configuration views. Figure 3. Eaton 93PM 100 kW UPS and Two 93PM Integrated Battery Cabinets

Can a battery cabinet be connected to a DC Circuit?

The battery cabinet frame is not referenced to the DC circuit. Each battery cabinet has its own overcurrent protection device. Internal battery strings are to be connected by an authorized Eaton Customer Service Engineer. 1.7 For More Information for UPS cabinet conduit and terminal specifications and locations.

How many 93pm battery cabinets can a UPS system use?

The UPS system has been evaluated for use with a maximum of four 93PM Battery Cabinets. Use of any other configuration may result in fire, death, and voiding of the warranty. Disconnect the charging source prior to connecting or disconnecting battery terminals. Determine if the battery is inadvertently grounded.

Retain this manual for use by installing personnel. The following warning applies to all battery cabinets supplied with UPS systems. **WARNING!** Internal battery strapping must be verified ...

Procedure Refer to Figure 3 and install the 19" or 23" relay rack mounting angles to the battery cabinet. Mounting hardware is provided with the battery cabinet. Use a provided grounding ...

Before installing the battery cabinet, read and understand how this manual applies to the system being installed. Use the procedures and illustrations in this section to create a logical plan for ...

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Download user manual for Emerson 50 and 60 Hz. Learn more about Safety, Battery Cabinet, Introduction, Hazardous battery voltage present behind covers.

Save these instructions This manual contains important instructions that should be followed during installation of Vertiv™ Liebert® APM2 Modular External Battery Cabinet (EBC) and ...

Figure 12 shows the location of the battery breaker in the 93PM Integrated Battery Cabinet-Large or 93PM Integrated Battery Cabinet-Large High Rate (432V). Figure 13 shows the ...

HOW TO USE THIS MANUAL This manual is designed for ease of use, giving the user easy and quick reference to information. This manual uses notice icons to draw attention to important ...

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

Danger! In operation mode In order to avoid electrical shocks, in operation mode do not remove any screws or protection panels from the UPS and the Battery Cabinet. StratusPower(TM) User ...

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