

Installation distance between UPS battery cabinet and communication high voltage cabinet





Overview

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.

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.

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.

Where is the UPS battery cabinet located?

The recommended location is to the right of the UPS cabinet. This procedure assumes the battery cabinet is located to the right of the UPS cabinet. 21. If line-up-and-match installation, remove the rectangular knockout on the bottom front side of the UPS and the IBC (see Figure 15).



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The distance between the UPS head and the battery ...

6 days ago · NOTE: The distance between the battery bank and the UPS must not exceed 200 m. Contact Schneider Electric for installations with a longer distance. Prepare for Cables.How to ...

Installation Environment and Clearance Requirements

The optimal operating temperatures for valve-regulated lead-acid (VRLA) batteries are 20-30°C. Operating temperatures higher than 30°C shorten the battery lifespan, and operating ...

Eaton 93PM Integrated Battery Cabinet-Large and Large ...

Mar 31, 2025 · The Eaton® 93PM Integrated Battery Cabinet-Large (IBC-L) and Integrated Battery Cabinet-Large High Rate (IBC-LH) provide extended emergency short-time backup ...

Installing a UPS (Rack-Mounted Scenario)

When routing power cables and communications cables, prevent cables from being scratched by cabinet components. Reserve 1 U space between UPS and lithium batteries for routing battery ...

Eaton UPS fundamentals handbook

Jul 2, 2025 · Handbook. From plug and receptacle charts and facts about power problems to an overview of various UPS topologies and factors affecting battery life, you'll find a wealth of ...

Installation Procedure for UPS for External Batteries

NOTE: The distance between the modular battery cabinet (s) and the UPS must not exceed 100 m. Contact Schneider Electric for installations with a longer distance.

Liebert® EXS External Battery Cabinet Installer/User Guide

Jan 31, 2024 · For battery cabinets that are connecting to a Vertiv™ Liebert® EXS UPS, see Figure 2.1 on page 8, cables will run from the positive, negative and neutral busbars of the ...

Fuji Electric, UPS Installation Requirements

1 day ago · Learn about the key installation requirements for Fuji Electric UPS systems. Ensure a reliable and efficient power backup setup.

Battery module maintenance for communication ...

If the battery cabinet is installed adjacent to the UPS, the recommended installation location for the battery cabinet is on the right side of the UPS cabinet. This location will allow for future ...

PowerXpert 9395 UPS 550 kVA installation and ...

Feb 27, 2023 · The UPS cabinets use forced air cooling to regulate internal component temperature. Air inlets are in the front of the cabinet and outlets are in the top. Allow clearance ...



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