



3 battery cabinet connections

How many connectors does a battery cabinet have?

The three battery cabinet connector cables (battery positive, battery negative, and battery charger) are each equipped with individually keyed Anderson connectors to prevent cross connecting the battery cabinet and UPS circuitry. The battery cabinet connector cables are six (6) foot in length. The Battery Cabinet does not have an EPO.

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 long is a battery cabinet connector cable?

The battery cabinet connector cables are six(6) foot in length. The Battery Cabinet does not have an EPO. The EPO on the UPS connects to the battery cabinet through the battery cabinet connection cable between CN14 and CN14A. No other battery cabinet connection is needed.

How many battery cabinets can be connected in parallel?

Up to two battery cabinets may be connected in parallel to the UPS. To connect two battery cabinets to the UPS, connect the first battery cabinet to the UPS as shown in the illustration above. Connect cabinet 2 CN14A to cabinet 1 CN24. The battery cabinets ship with six-foot long connection cables.

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 do I connect a battery cabinet to a ups?

This connection is made from CN14A of the battery cabinet to CN14 of the UPS (and CN14A of battery cabinet 2 to CN24 of battery cabinet 1 if paralleling cabinets). NOTE: Without this connection the battery cabinet will not be able to charge its batteries.

3 - Battery Cabinet Installation 3-4 Internal Wiring (Typical) o Battery cabinets use multiple 6 VDC or 12 VDC batteries connected in series to provide nominal DC voltages ranging from 240 ...

Learn how to wire 3 batteries in series to increase voltage and power output for your electrical projects. Find step-by-step instructions and tips for a successful battery series connection.

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