

How to install the integrated battery cabinet





Overview

What is an integrated battery cabinet (IBC)?

The Integrated Battery Cabinet (IBC) is available in two model to meet the needs of the Eaton 93PM UPS product line. UPS. IBC-L output protected by 300A circuit breaker. IBC-LH output protected by 500A circuit breaker. The recharge date is also stated on a label inside the IBC.

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 you reinstall a battery cabinet?

Reinstall the left side panel on the left-most battery cabinet after interconnection. Push the third battery cabinet into position, align with the seismic anchoring (if any), level the battery cabinet, and interconnect with the other battery cabinets as described in step 2, step 3, and step 5.

How do I install an IBC?

IBCs can be installed in a line-up-and-match configuration with the power wiring routed through the bottom of the IBCs and UPS cabinet or in a standalone configuration with the power wiring routed between the IBCs and the UPS cabinet using conduit. Use the appropriate procedure for the type of installation being wired. each cabinet.



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

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Installation Procedure

Prepare for Installation. Install the Rear Seismic Anchoring. Position and Interconnect the Battery Cabinets. Install the Front Seismic Anchoring. Install the Battery Modules in the Battery ...

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Battery cabinet assembly principle of battery cabinet

Designed for 480VDC nominal battery systems Top View Removable top panel for access to the output section Cabinet base equipped with anchor holes (Hilti or MKT recommended) ...

The Ultimate Guide to Energy Storage Cabinet Installation ...

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Position and Interconnect the Battery Cabinets

Install the ten interconnection screws (five in the front and five in the rear) between the two battery cabinets. NOTE: To reach the five interconnection screws in the rear of the left-most battery



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