

Installation of the integrated battery cabinet

HEAT DISSIPATION

Cold aisle containment,
making optimal refrigeration effect;





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.

What is an integrated battery cabinet-s?

The IBC-S is housed in a single free-standing cabinet with safety shields behind the doors for hazardous voltage protection. Up to four IBC-Ss per UPS may be used to meet application runtime needs. The cabinets match the UPS cabinet in style and color. Figure 1 shows the Integrated Battery Cabinet-Small.

How do I install a battery cabinet?

Between each battery cabinet and the UPS or battery disconnect using conduit. Battery cabinets may be installed adjacent to the UPS or in a separate location. 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.

What is an integrated battery cabinet-small (IBC-s)?

The Integrated Battery Cabinet-Small (IBC-S) is available in one model to meet the needs of the Eaton 93PM UPS product line. The following sections detail the battery specifications, battery runtimes, and the environmental and safety specifications for the UPS. Specifications are subject to change. IBC output protected by 300A circuit breaker.

How many IBCs can be installed in a 93pm integrated battery cabinet?

Standalone IBC installations with three or four IBCs require a customer



supplied external tie point and circuit breaker or disconnect between the IBCs and the UPS. Up to four IBCs can be installed in a standalone configuration. Use this procedure to wire standalone 93PM Integrated Battery Cabinets to the 93PM UPS cabinet.

How do I wire a 93pm integrated battery cabinet?

Remove the IBC conduit landing plates to drill or punch conduit holes, or remove knockouts in the conduit plate. Use this procedure to wire standalone 93PM Integrated Battery Cabinets to the 93PM UPS cabinet. Verify the UPS system is turned off and all power sources are removed.



Installation of the integrated battery cabinet



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

Use the following basic sequence of steps to install the Eaton 93PM Integrated Battery Cabinet-Large (IBC-L) or Integrated Battery Cabinet-Large High Rate (IBC-LH):

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EATON 93PM IBC-LW INSTALLATION MANUAL Pdf Download

View and Download Eaton 93PM IBC-LW installation manual online. Universal Integrated Battery Cabinet. 93PM IBC-LW ups pdf manual download. Also for: 93pm ibc-lhw.

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Eaton 9390 Integrated Battery Cabinet (Models IBC-S and ...

This manual contains important instructions that you should follow during installation and maintenance of the UPS and batteries. Please read all instructions before operating the ...

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IBC-S Installation Manual

Because of the battery shunt trip wiring route in the 93PM UPS cabinet, the wiring from the IBC to the UPS must use wire rated for 600V and Class 1 wiring methods.



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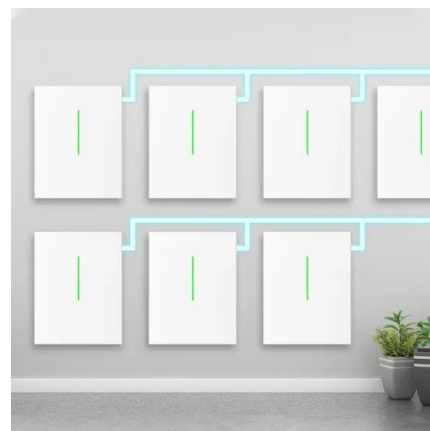
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Powerware 9395 Integrated Battery Cabinet (Model IBC-L) ...

1 Introduction During brownouts, blackouts, and other power interruptions, battery cabinets provide emergency DC power to the UPS to safeguard operation of the critical load. The ...

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[EATON 93PM IBC-LW INSTALLATION MANUAL Pdf ...](#)

Page 72: Figure 33. Eaton 93Pm Universal Integrated Battery Cabinet Schematic Onelines and Schematics Figure 33. Eaton 93PM Universal Integrated Battery ...

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[Eaton 93PM IBC-L Manuals , ManualsLib](#)

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Powerware 9395 Integrated Battery Cabinet (Model ...

Powerware 9395 Integrated Battery Cabinet (Model IBC-L) Installation Manual f IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS This ...

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164201687_1085_Rev_4_Web

This manual contains important instructions that you should follow during installation and maintenance of the UPS and batteries. Please read all instructions before operating the ...

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20-100 kW (480V) - 100 kW Frame Installation and ...

4-1 4.3 Integrated Battery Cabinet Installation . .
.....
..... 4-5 4.4 Sidecar Integrated
Accessory Cabinet-Bypass Wiring Installation . . .
.....

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Eaton 93PM Integrated Battery Cabinet-Small Welded ...

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS This manual contains important instructions that should be followed during installation and maintenance of the UPS ...

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EATON IBC-L INSTALLATION MANUALS Pdf Download

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 ...

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Eaton IBC-SW Manuals , ManualsLib

49 Power Onlines 55 Figure 21. 93PM Integrated Battery Cabinet Standalone Power Online - One or Two Cabinets 56 Interface Onlines 57

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Eaton 93PM accessories - batteri

The 93PM offers a variable battery bus, accommodating 432 to 486V configurations, so the battery capacity can be matched to your exact runtime requirements--either a specific ...

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[POWERWARE 9390 INSTALLATION & OPERATION ...](#)

Introduction 1.5 For More Information Refer to the Powerware 9390 Integrated Battery Cabinet (Models IBC-S and IBC-L) Installation Manual (164201536) for ...

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EATON 93PM INSTALLATION AND OPERATION MANUAL Pdf ...

Eaton 93PM UPS (400V/480V Four-Wire - 100 kW Frame) Installation and Operation Manual 164000566--Rev 04 Page 136 Power is present inside the UPS cabinet until the upstream ...

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[60-100 kW \(480V\) Installation and Operation Manual](#)

If installing Integrated Battery Cabinets (IBCs), refer to the Eaton 93PM Integrated Battery Cabinet Installation Manual listed in paragraph 1.8 for installation instructions.

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Eaton 93PM IBC-L, 93PM IBC-LH Installation Manual , Manualzz

Find installation instructions for Eaton 93PM IBC-L and 93PM IBC-LH Integrated Battery Cabinets. These cabinets provide extended backup power for 93PM UPS systems.

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Eaton 93PM Integrated Battery Cabinet-Small Installation ...

The Eaton® Integrated Battery Cabinet-Small (IBC-S) provides extended emergency short-time backup power for 93PM UPS systems to enhance the usability and reliability of the systems.

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164201536_BattCab_Rev D_Web

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 cabinet). Each ...

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Powerware 9395 Integrated Battery Cabinet (Model IBC-L) ...

Use this procedure to install the battery cabinet. The battery cabinet shown in Figure 4-2 is located adjacent to the UPS cabinet, but may be located in a separate location.

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Powerware 9395 Integrated Battery Cabinet (Model IBC-L) Installation

1 Introduction During brownouts, blackouts, and other power interruptions, battery cabinets provide emergency DC power to the UPS to safeguard operation of the critical load. The ...

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