

How to read the integrated battery cabinet drawings

What is an integrated battery cabinet (IBC)?

The Integrated Battery Cabinet (IBC) systems are housed in single free-standing cabinets. Model 1085 or 1085HR with a single battery voltage range is available to meet application runtime needs. Up to six cabinets may be installed to further extend battery runtime. The cabinets match the UPS cabinet in style and color.

How do I connect a battery to a cabinet?

In the middle battery cabinets, locate the battery-cabinet-to-battery-cabinet Shunt Trip (or UVR) and Aux battery interface cable with connector P3. Route this connector into the next cabinet and mate with the matching J3 connector in that cabinet (see Figure 4-9 through Figure 4-13, and Figure 5-6 through Figure 5-8).

How do I Wire A Powerware 9390 integrated battery cabinet?

To install wiring to connections: 1. Route and connect the battery cables between the UPS and battery cabinets in accordance with the instructions in the Powerware 9390 Integrated Battery Cabinet (Models IBC-S and IBC-L) Installation Manual. See Appendix A for UPS cabinet wiring access information.

Is a battery cabinet referenced to a DC Circuit?

The battery cabinet frame is not referenced to the DC circuit. Battery voltage is computed at 2 volts per cell as defined by Article 480 of the NEC. Rated battery current is computed at 2 volts per cell. The battery wiring used between the battery and the UPS should not allow a voltage drop of more than 2 VDC at rated battery current.

How many cabinets can be installed on A Powerware 9395 IBC-L Battery Cabinet?

s. Up to four cabinets may be installed to further extend battery runtimes. The cabinets match the UPS cabinet in style and color. Figure 1-1 shows the Powerware 9395 Model IBC-L Battery Cabinet. A DC-rated circuit breaker within each cabinet provides protection and servicing isolation. NOTE Startup and operation

How does a battery cabinet work?

The battery cabinet uses convection air cooling to regulate internal component temperature. Air inlets are in the front of the cabinet and outlets are in the top. Allow clearance in front of and above each cabinet for proper air circulation. The clearances required around the battery cabinet are shown in Table 3-2.

For mounting hole dimensions, please refer to the cabinet layout drawing at the end of this manual. Also included with each order is a floor template to mark anchor locations per cabinet. Max Cabinet Weights: (Assembled) Reference the drawings for each individual voltage available for cabinet weights depending on battery manufacturer and model.

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

3.2.3; otherwise, proceed to paragraph 3.2.6. 3.2.2 Battery Cabinet Installation To install the battery cabinet, refer to the Powerware 9390 Integrated Battery Cabinet (Models IBC-S and IBC-L) Installation Manual. After the battery cabinet is ...

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Refer to Appendix A and to the Powerware 9390 Integrated Battery Cabinet (Models IBC-S and IBC-L) Installation Manual for wiring access information. ... Page 107: Reading The Status Indicators ... UPS CABINET DIMENSIONS ...

certain conditions, battery cabinets can vent dangerous gases. Battery Cabinets are extremely heavy. Always use two or more people to move or set the equipment into place. This battery cabinet is equipped with four swivel casters with leveling legs. Use the casters to move the battery cabinet into position and use the leveling feet to make sure

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Powerware Series Eaton 9395 Integrated Battery Cabinet (Model 1085 and 1085HR) Installation Manual ®

Eaton® Power Xpert ® 9395 Integrated Battery Cabinet (Model 1085 and 1085HR) Installation and Operation Manual

erminal Battery Cabinet 800-875-0073 sales@atbatsys The CZ Series battery cabinets are designed to be integrated with FRONT terminal, Valve Regulated Lead Acid (VRLA) batteries for Uninterruptible Power Supply (UPS) applications. These cabinets are tested and labeled to UL-1778 when shipped fully assembled with batteries.

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