

ContainerPower Energy Solutions

How to install a 30kva battery 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. See Figure 1-2 and Figure 1-3 for line-up-and-match configuration views. Contains two or three battery strings to be used with the 93E 30 kVA UPS.

How do you attach a 30 kVA battery to an Eaton 93e?

Eaton 93E 30 kVA UPS — Battery Shelf Cabling Clean Up Shelf 1 wire forming is different. Push most of the harness between the battery and the UPS frame. Use tie wraps and tie wrap mounting pads as needed to anchor the battery harness to ensure it is not touching the battery fuse nor the side frame of the UPS.

Can I use an external battery cabinet with a ups?

External battery cabinets cannot be used in combination with a UPS containing internal batteries. The UPS must be supplied without internal batteries. The EBC is designed to be installed in a line-up-and-match or standalone configurations.

How many Battery strings can a 93e 30 kVA ups have?

Contains two or three battery strings to be used with the 93E 30 kVA UPS. Up to two EBCs with a total of four or six battery strings can be paralleled together to extend the run time. To configure a 30EBC battery system with four strings, two 30EBCs, each with two strings, must be used.

How many kV can a battery handle?

Withstands up to 4 kV pulse without damage and with no disturbance or adverse effect to the critical load. Battery times are approximate and vary depending on the load configuration and battery charge. NOTE Battery times are approximate and vary depending on the load configuration and battery

charge.

How do I install a ups power terminal cover?

Using the hardware provided, install the terminal cover base to the back panel of the UPS using the existing cabinet screw holes (see Figure 12). Proceed to paragraph 4.4 External Battery Cabinet Installation. Figure 11. UPS Power Terminal Cover Parts Conduit Landing for AC Input, Output, and Bypass, DC Input, and REPO.

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