



# How to check the battery cabinet

What is a battery cabinet?

The battery cabinet contains components that carry high currents and voltage. A properly installed enclosure is earthed and IP20 rated against electrical shock and foreign objects. However, the battery cabinet is a sophisticated power system and only qualified personnel are allowed to install and service it. . DANGER

How do you test a battery?

Battery Load Test: Perform a load test by providing a 200A load for 10-15 seconds. The voltage per battery should not fall below 9.6 V DC. Open/Short Circuit Check: Make sure the battery system has no open or short circuits. According to the inspection results, follow these recommendations:

How safe is a battery cabinet?

A properly installed enclosure is earthed and IP20 rated against electrical shock and foreign objects. However, the battery cabinet is a sophisticated power system and only qualified personnel are allowed to install and service it. . DANGER This battery cabinet carries lethal voltages.

Where should a battery cabinet be installed?

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. This location will allow for future expansion using an external module. Cabinets can be permanently bolted to the floor or left standing on leveling feet.

What should I know before installing or replacing batteries?

Before you install or replace batteries, consider all the warnings, cautions, and notes concerning appropriate handling. Do not disconnect the batteries when the UPS is in the Battery mode. Make sure that your replacement batteries are of the same number and type as the battery that was originally installed.

How do you connect a battery to a cabinet?

Route the ground wire (from the field kit) from the ground stud in one battery cabinet, under the lower battery tray and through the cabinet-to-cabinet cable access area in the side of the cabinets, and attach to the ground stud in the other battery cabinet (see Figure 4-4). Hardware is provided on each ground stud.

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Web: <https://edukacja-aktywna.pl>

