

## **PDEOZE PowerContainer**

# **How to discharge the new energy battery cabinet**



## Overview

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How do I reinstall a battery cabinet?

Perform the following steps on all battery cabinets in the battery solution. a. Remove the cover in front of the start-up button and push the start-up button. • The PSU2 LED and the POWER LED will turn on. • The ABNORMAL and ALARM LEDs should remain off. b. Reinstall the cover in front of the start-up button.

Why is a battery cabinet dangerous?

- The battery cabinet contains an internal energy source. Hazardous voltage can be present even when the UPS system is disconnected from the utility/mains supply. Before installing or servicing the UPS system, ensure that the units are OFF and that utility/mains and batteries are disconnected.

How do I connect a battery cabinet to an ups?

In systems with more battery cabinets, only the system BMS of battery cabinet 1 (the battery cabinet closest to the UPS) is connected to the UPS. Remove signal cable 0W13441 between the SMPS I/O port and the DRY CONTACT ports on battery cabinet 2 and battery cabinet 3. • SG IO 1: Used for sending signals for minor and major alarms to the UPS.

How do you level a battery cabinet?

Lower the levelling feet until they connect with the floor - use a bubble-leveler to ensure that the cabinet is level. 4. Push the second right-most battery cabinet into position, align with the seismic anchoring (if any), and level the battery cabinet as described in step 2 and step 3. 5.

What should I do if a battery goes bad?

Keep unqualified personnel away from batteries. • Recycle Lithium-ion batteries correctly. • Dispose of the batteries in accordance with country and local regulations. Failure to follow these instructions will result in death or

serious injury. 8. Contact Schneider Electric for removal of the interconnection busbars between the cabinets.

What are the safety requirements for a battery cabinet?

- The battery cabinet must be properly earthed/grounded and due to a high leakage current, the earthing/grounding conductor must be connected first. Failure to follow these instructions will result in death or serious injury. Battery Safety DANGER

## How to discharge the new energy battery cabinet

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Perform the following steps on all battery cabinets in the battery solution.

- a. Remove the cover in front of the start-up button and push the start-up button.
  - o The PSU2 LED and the POWER LED will turn on.
  - o The ABNORMAL and ALARM LEDs should remain off.
- b. Reinstall the cover in front of the start-up button.

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If an attempt is made to recharge a discharged lithium-ion cell, the supplied energy can no longer be correctly converted due to insufficient electrolyte fluid. The resulting deep discharge can ...

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