

Battery cabinet and electric box assembly method





Overview

There are many ways you can fabricate a battery cabinet. However, for this section, we will focus on the two most common options:

How to build a battery cabinet?

Step 1: Use CAD software to design the enclosure. You must specify all features at this stage. Step 2: Choose suitable sheet metal for the battery box. You can choose steel or aluminum material. They form the perfect option for battery cabinet fabrication. Step 3: With the dimension from step 1, cut the sheet metal to appropriate sizes.

How to make a battery box enclosure?

The process involves shaping sheet metal into a battery box enclosure. You can use this method to fabricate any enclosure size or design. Let's quickly look at the process: Step 1: Use CAD software to design the enclosure. You must specify all features at this stage. Step 2: Choose suitable sheet metal for the battery box.

How to install a battery storage cabinet?

Mounting mechanism – they vary depending on whether the battery storage cabinet is a pole mount, wall mount, or floor mount. The mechanism allows you to install the battery box enclosure appropriately. Racks – these systems support batteries in the enclosure. Ideally, the battery rack should be strong.

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.



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