

# Disassembling the battery of the communication network cabinet

How do I remove a waste battery module?

Step 1 Switch off the battery circuit breaker. Press and hold the POWER ON/OFF button on the BCU for more than 5s to power off the cabinet. Step 2 Turn off the ready switch on the BCU. Issue 03 (2020-08-07) Copyright © Huawei Technologies Co., Ltd. Page 104 ? Dispose of waste battery modules in accordance with local laws and regulations.

How many battery modules are in a battery cabinet?

The battery modules occupy the entire cabinet. Alternatively, the battery cabinet can consist of eight battery modules in one string. The battery modules occupy half of the entire cabinet. Issue 03 (2020-08-07) Copyright © Huawei Technologies Co., Ltd.

How do I power on multiple SmartLi cabinets?

o If multiple SmartLi cabinets are combined, press and hold the POWER ON/OFF button on the battery control unit of the master cabinet for more than 2 seconds to power on the master cabinet. Then, power on slave cabinets one by one in the same way. 3.

How to install a battery control unit?

1. Communications cables between the battery modules and the battery control unit are preinstalled inside the cabinet. 2. Connect cables between the battery modules and then connect the cables to the battery control unit. 8 5. Open the battery terminal protective cover, install battery copper bars and cables. 1.

How do I connect a battery cabinet to a SmartLi?

(If cabinets are combined, connect cables to ports DI\_1 to DI\_5.) (1) Dry contact expansion card of the UPS (2) SmartLi In a parallel system, connect fire control dry contact cables of battery cabinets 1 to 5 respectively to ports DI\_1 to DI\_5 on the dry contact expansion card of the UPS.

Who can install a battery cabinet?

Only Huawei engineers or engineers certified by Huawei are allowed to install, commission, and maintain the battery cabinet. Otherwise, personal injury or equipment damage may occur, and the resulting battery cabinet faults are beyond the warranty scope of Huawei. 4. This document describes how to install a single battery cabinet.

ensure uninterrupted communication services, it's crucial to have a reliable and efficient backup power system in place. We will guide you through the process of finding ... This paper evaluates the dispatchable capacity of the BS backup batteries in distribution networks and illustrates how it can be utilized in power systems. The BS ...

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As the market share of electric vehicles continues to rise, the number of battery systems that are retired after their service life in the vehicle will also increase. This large growth in battery returns will also have a noticeable impact on processes such as battery disassembly. The purpose of this paper is, therefore, to examine the challenges of the battery disassembly ...

To decommission a battery cabinet completely upon completion of its service life, disassemble it as described in the following. Requirements: All connections in the battery cabinet are disconnected. Original packaging or packaging suitable for the weight and dimensions of the ...

Remove front cover from the battery module, 4. Install battery communications cables. and install battery baffle plate. 1. Communications cables between the battery modules and the battery control unit are preinstalled inside the cabinet. 2. Connect cables between the battery modules and then connect the cables to the battery control ...

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Remove the bolts that secure the cabinet to the pallet. If the cabinet needs to be secured, save the bolts removed from the pallet for future use. Remove the cabinet from the pallet and place the cabinet in the installation position. If there is a base, place the cabinet on the base.

To protect your smart home from power outages, install a battery backup system in the communication cabinet. Select a UPS (Uninterruptible Power Supply) that can support the ...

Systems for disassembling the battery have been described previously [13]. To date, in most cases, these systems involve the separation of some battery parts manually, followed by shredding ...

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