

Check the battery voltage in Huawei energy storage cabinet





Overview

Hold down the POWER ON/OFF button on the BCU for more than 5s to power off the cabinet. Use the DC voltage range of a multimeter to measure the voltages between the general positive and negative terminals of each battery string and the uncoated parts of the battery cabinet, and observe the readings. How do I check the charging status of the battery modules?

Observe the charging status of the battery modules in real time until the charging is complete (the battery module SOC displayed on the touchscreen reaches 50%). Power off the SmartLi when the charging termination condition is met. Switch off the battery circuit breaker in the upper part of the SmartLi.

How do I check the battery voltage on the smartli?

Page 40 ● Method 1: Use a voltmeter to measure the voltage between the positive and negative terminals of the battery. ● Method 2: View the battery voltage on the touchscreen of the SmartLi. Issue 10 (2022-04-30) Copyright © Huawei Technologies Co., Ltd.

What size cable should be used for a battery cabinet?

If the load of a single battery cabinet is greater than 150 kW, you are advised to use cables with a cross-sectional area of 150 Figure 4-49 Setting I1 to MIN for the battery circuit breaker Issue 10 (2022-04-30) Copyright © Huawei Technologies Co., Ltd.

How do I recharge a battery module?

Two methods are available for recharging a battery module. Select either one based on site requirements. The number of battery modules to be charged in the SmartLi cabinet must meet the cabinet configuration requirements. The battery modules to be recharged at the same time must be of the same specifications.

How many smartli lithium battery cabinets can be connected?



Scenario where SmartLi 3.0 lithium battery cabinets are deployed outside the smart module: One integrated UPS can connect to a maximum of 10 SmartLi 3.0 lithium battery cabinets. When multiple cabinets are connected in parallel, only the master cabinet has an LCD.

How many lithium battery cabinets can be connected in parallel?

A maximum of 15 SmartLi 2.0 lithium battery cabinets can be connected in parallel. When multiple cabinets are connected in parallel, only the master cabinet has an LCD. Easy capacity expansion: Batteries can be added along with load increase by stages. New and old battery cabinets can be connected in parallel.



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Page 25 In a parallel lithium battery system, activating the EPO signal of a single lithium battery cabinet triggers only emergency power-off of the lithium battery cabinet, which does not affect ...



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