

What is boostli energy storage module esm-48100u2?

BoostLi Energy Storage Module ESM-48100U2 User Manual

2

**Application Description** When the ESM is used in an environment below  $-20^{\circ}\text{C}$ , a heater needs to be added in the cabinet, and batteries can be discharged after the battery temperature rises to  $-17^{\circ}\text{C}$  or above.

How heavy is esm-48100u2?

**Figure 4-1** Installing an ESM NO TIE ? The weight of an ESM-48100U2 is about 43 kg. Check the load-bearing capability of the rack tray before installation. ESM-48100U2 is 396 mm deep.

How do I reactivate an ESM?

If you have forcibly powered off the battery that is in charging, discharging, or disconnected mode by pressing the MANUAL ON/OFF button, the ESM can be only reactivated by pressing and holding this button. ESMs can be connected in parallel to increase the backup time or backup power. The backup power of a single ESM is 4.8 kW.

What happens if Huawei power monitoring module is connected to ESM?

If the Huawei power monitoring module is connected to the ESM for the first time, the monitoring module will restart automatically as battery management parameters need to be switched to the ESM. **Step 2** When multiple ESMs connected in parallel are powered on, observe the RUN indicator on each ESM panel.

How to install esm-48100b1?

**Procedure Step 1** Install an ESM according to the quick installation guide and check whether floating nuts are installed on both sides of the rack. If not installed, install the floating nuts delivered with the cabinet on both sides of the rack. **Step 2** Push the ESM into the cabinet and fasten the ESM. The weight of an ESM-48100B1 is about 44 kg.

How to check ESM running status on Huawei power system?

Huawei power system automatically identifies ESMs and sets battery parameters. There is no need to set the parameters onsite. To check the ESM running status or change the charge current limit coefficient, log in to the Web user interface (UI) or LCD of Huawei power system and perform the following operations.

Inside an ESM, an energy storage management unit (ESMU) monitors the status of temperature, current, and voltage, provides protection against overvoltage, undervoltage, overcurrent, short ...

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