

SolarInnovate Energy Solutions

Huawei base station energy cabinet grounding



Overview

What equipment should be grounded in a TR?

The server and supporting equipment (such as mobile base stations, switches, and power supplies) in the TR should be grounded. The protection ground (PGND) cables of the equipment in the communication office should be finally connected to the total ground bar.

Can a box device be grounded without a protection ground bar?

If there is no protection ground bar in the TR, an AC-powered box device can be grounded by properly connecting the PE cable of its three-core cord to the PE end of the mains supply. See Figure 3-3. In this case, you need to check the electrical connectivity and reliability of grounding by using a multimeter after the installation.

Which PGND cable should be connected to a power distribution cabinet?

If the server is powered by a power distribution cabinet, the PGND cable that is led out from the total ground terminal of the cabinet should be connected to the protection ground bar of the power distribution cabinet.

How many packages do I need to configure a Huawei antenna?

When it needs to be provided by Huawei, one package needs to be configured for a newly deployed distributed base station. Ground bar. Optional. One package is configured for each indoor site. If the antenna is provided by Huawei, two packages are configured for each site. One or two packages are configured at each site.

Which power module is used in the bbu3910?

BBU power module UPEUd, which provides power of 650 W for boards in the BBU. In addition, it provides eight external dry contact alarm ports. It is used only in the BBU3910. Optional. One piece of this power module is configured in the BBU3910 by default.

How many E1 surge protection packages does a bts3900al AC cabinet have?

A BTS3900AL AC cabinet contains two E1 surge protection packages. This board needs to be configured when more than two E1 surge protection packages are required. Every two FE/GE electrical ports are configured with one surge protection package. A BTS3900AL AC cabinet contains one FE/GE surge protection package.

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