

Kongres Container

Base station power cabinet short circuit



Overview

What is a base station power cabinet?

The base station power cabinet is a key equipment ensuring continuous power supply to base station devices, with LLVD (Load Low Voltage Disconnect) and BLVD (Battery Low Voltage Disconnect) being two important protection mechanisms in the power cabinet.

What is the output voltage of a communication base station?

Assume the output voltage of a communication base station's power system is 48V, with the LLVD threshold set to 40V. When the mains power fails and the battery starts supplying power, the power system continuously monitors the output voltage through the voltage detection circuit.

Can a power distribution cabinet be used with a switchboard?

The Power Distribution Cabinet can be used with one to three switchboards, each of which has a 225A switchboard circuit breaker. The cabinet can be used with a transformer to provide voltage conversion function. For the models with a transformer, there are fans for heat dissipation.

What power levels can a power distribution cabinet use?

You can flexibly choose different power levels (30kVA, 50kVA, 80kVA, 100kVA or 125kVA) according to your power demands to your system. The Power Distribution Cabinet can be used with a transformer for voltage conversion, or installed with Transient Voltage Surge Suppressors (TVSS) to protect highly sensitive equipment.

How does the power distribution cabinet work?

The Power Distribution Cabinet provides two smart slots that allow you to connect the SNMP card, or use RS232 interface to connect to the workstation. The six built-in dry contacts allow you to connect an external device.

Infrasuite Power Management7 2.6 Appearance 2.6.1 Appearance of the

Cabinet (Figure 2-1: Appearance).

How to check the status of a power distribution cabinet?

The LCD monitor of the Power Distribution Cabinet can display the current system status and event logs, and allows you to set and view parameters. If the back light is not lit, pressing any button will activate it. On the initial status screen, you can view the system date and time as well as the switch- board circuit breaker status.

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