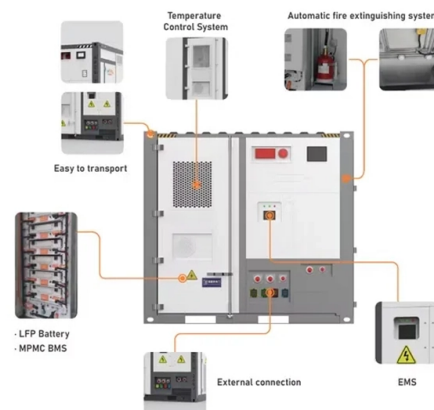


How to configure switches in the on-site distribution box



Summary of Content

Configuring switches involves powering on the device, connecting via console, setting IP addresses, VLANs, and access ports, and verifying connectivity.

Step 1: Inspect and Power On the Switch

Before configuration, check the switch hardware for any visible damage and ensure all cables are properly connected. Connect the switch to a power source and verify that the system LEDs indicate normal operation (green for operational, blinking green for software loading) .

Step 2: Connect to the Switch Console

Use a console cable (serial or USB) to connect your computer to the switch. Install a terminal emulator like PuTTY and configure it for a 9600 baud rate serial connection. This allows you to access the switch's command-line interface (CLI) for configuration .

Step 3: Initial Configuration

- Erase previous configurations if using a spare switch by deleting the VLAN database (e.g., `flash:vlan.dat` on Cisco switches) .
- Set a hostname and domain name to identify the switch in your network .
- Assign an IP address to the management VLAN to enable remote access. Ensure the IP is within your network's management subnet .

Step 4: Configure VLANs and Ports

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