

Communication construction base station operation and maintenance





Overview

What is an indoor base station?

An indoor base station comprises a communication room accommodating various communication equipment and a communication tower responsible for transmitting and receiving information. The communication room is equipped with wireless communication devices, transmission equipment, power supply equipment, air conditioning, and cable routing racks.

What is base station operation?

These operators own many base stations, so Huawei provided the idea of "base station operation", aiming to help them rapidly build fixed networks through fixed-mobile synergy. The idea behind base station operation is to develop FBB around base stations. This construction mode can fully utilize mobile operators' large quantities of base stations.

What are the components of a base station?

The base station will have one or more RF antennas installed to transmit and receive RF signals from other devices. The block diagram of a base station typically includes the following key components: Baseband Processor: The baseband processor too deals with different communication protocols and interfaces with mobile network infrastructure.

What is a typical base station?

2.1. The composition and functionality of typical base stations 2.1.1.

Composition of Typical Base Stations Base stations are a form of public mobile transmitters that facilitate information exchange between mobile phone terminals and switching centers.



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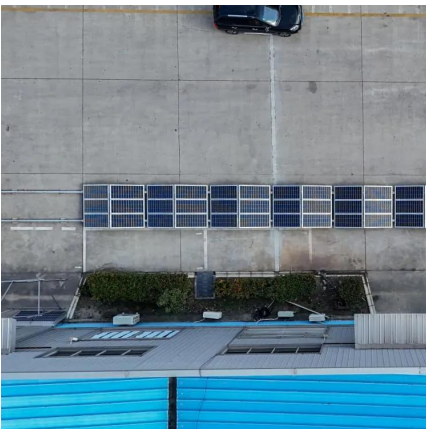
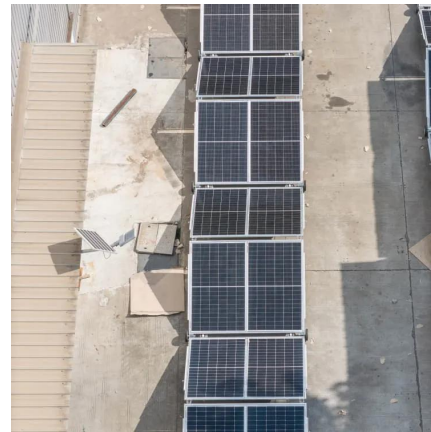


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