

What are the outdoor parts of the base station





Overview

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.

How do outdoor base stations work?

Outdoor base stations integrate all essential systems into a single Integrated Cabinet, designed to endure harsh conditions like direct sunlight, rain, and extreme temperatures. These units protect the equipment while ensuring efficient functionality. Towers are crucial for mounting antennas at high elevations, ensuring wide signal reach.

What are base stations used for?

In addition to supporting traditional mobile communication, base stations also play a vital role in two-way radio systems such as citizens band (CB) radio and ham radio. These fixed base stations are commonly used by dispatchers to communicate directly with multiple mobile operators in the field.

What is a mobile base station?

Base Station generally refers to the “public mobile communication base station”, (abbr.: BS), the base station is used to provide signals to mobile phones. It usually consists of the following four parts: Antenna-Feeder System Responsible for signal transmission and reception, including antennas and feeders.



What are the outdoor parts of the base station

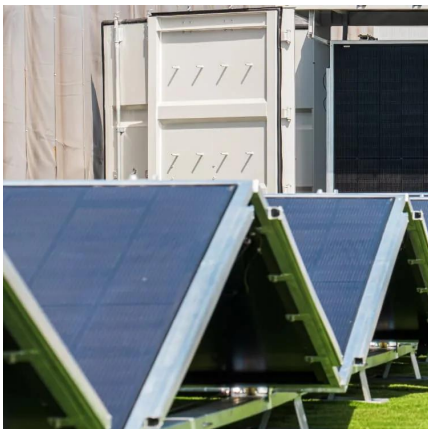


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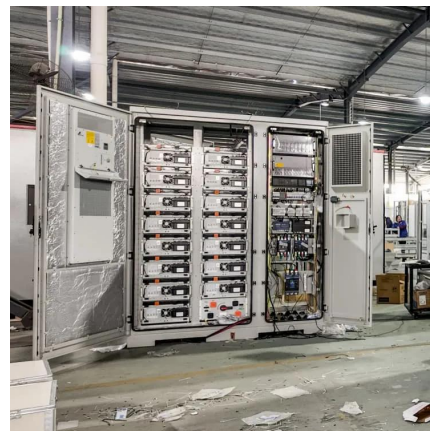
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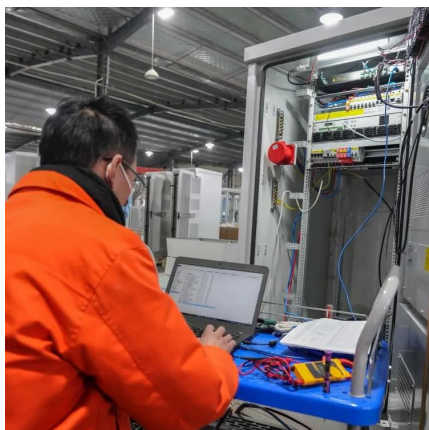
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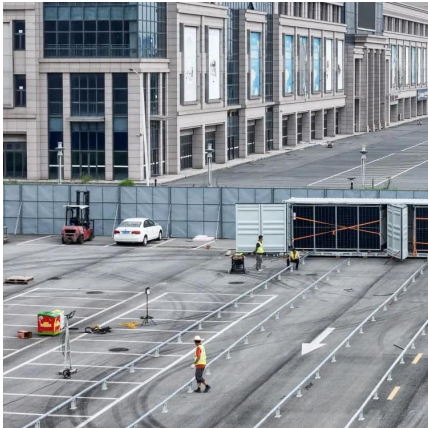
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