

## How far is the grid-connected distance of the communication base station inverter

How does distance affect the intensity of radio waves?

The intensity of the radio waves is drastically reduced as the distance increases from the base station antenna. On the ground, in houses, and other places where people reside, the exposure levels from radio base stations are normally below 1 percent of the limits.

What is base station operation?

This topic introduces the concept of base station operation, provides information to help you identify good setup locations, describes best practices for setting up the equipment, and outlines the precautions that you need to take to protect the equipment.

How many mobile devices can a base station serve?

Each base station can only serve a limited number of mobile devices at a time. As the number of mobile devices in a community grows, more base stations are needed. For that reason, more antennas are needed in such crowded locations as shopping malls where there are many mobile phone users.

How do I set up a GNSS base station?

For good performance, observe the following base station setup guidelines: Place the GNSS receiver in a location on the jobsite where equal range in all directions provides full coverage of the site. This is more important on larger jobsites, where the broadcast range of the base station radio may limit the operations of the system.

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The average battery capacity required by a base station ranges from 15 to 50 amp-hours (Ah), depending on the base station's operational demands and the technologies it employs.

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