

What are the requirements for setting up base station sites





Overview

Where should a base station be installed?

The location is the actual environment in which the base station will be installed. Typically, this means outside in an open sky environment (e.g. on the roof of a building or in an empty field). Figure 2 shows a typical fixed installation of several antennas, including a VeraChoke and a VeraPhase 6000, on a roof.

How do I set up a base station?

Set up the base station using either the tripod or T-bar mounting method. You must use an external radio antenna kit for the internal 450 MHz or 900 MHz radio. To avoid interference between the 900 MHz radio and GPRS transmissions, do not mount the external radio antenna within 1 m (3.3 ft) of the GSM antenna.

How to choose a base station?

This base station has achieved for 5-10 years. It is usually easy to arrange a stable mount for the antenna on the roof of a building. 2. Selecting equipment Longer cable -it has to be to minimize loss of signal and the heavier and more unwieldy. 2. Selecting equipment 2. Equipment for antenna 2. Equipment for antenna 3. Power supply and Network.

Should a base station be permanent or semi-permanent?

The requirement for a permanent base station setup increases as more receivers that use the base station as a source of corrections, increases the cost of any base station downtime. On the largest jobsites, and on those that remain operational for the longest time, a permanent or semi-permanent installation is a popular solution.



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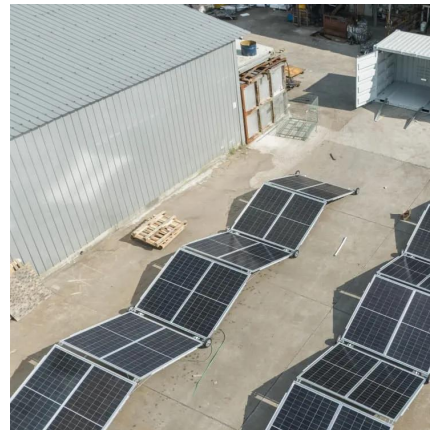


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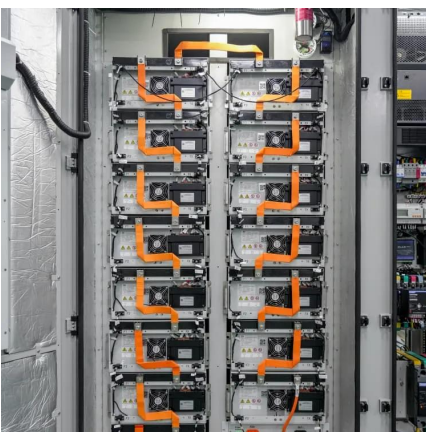
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