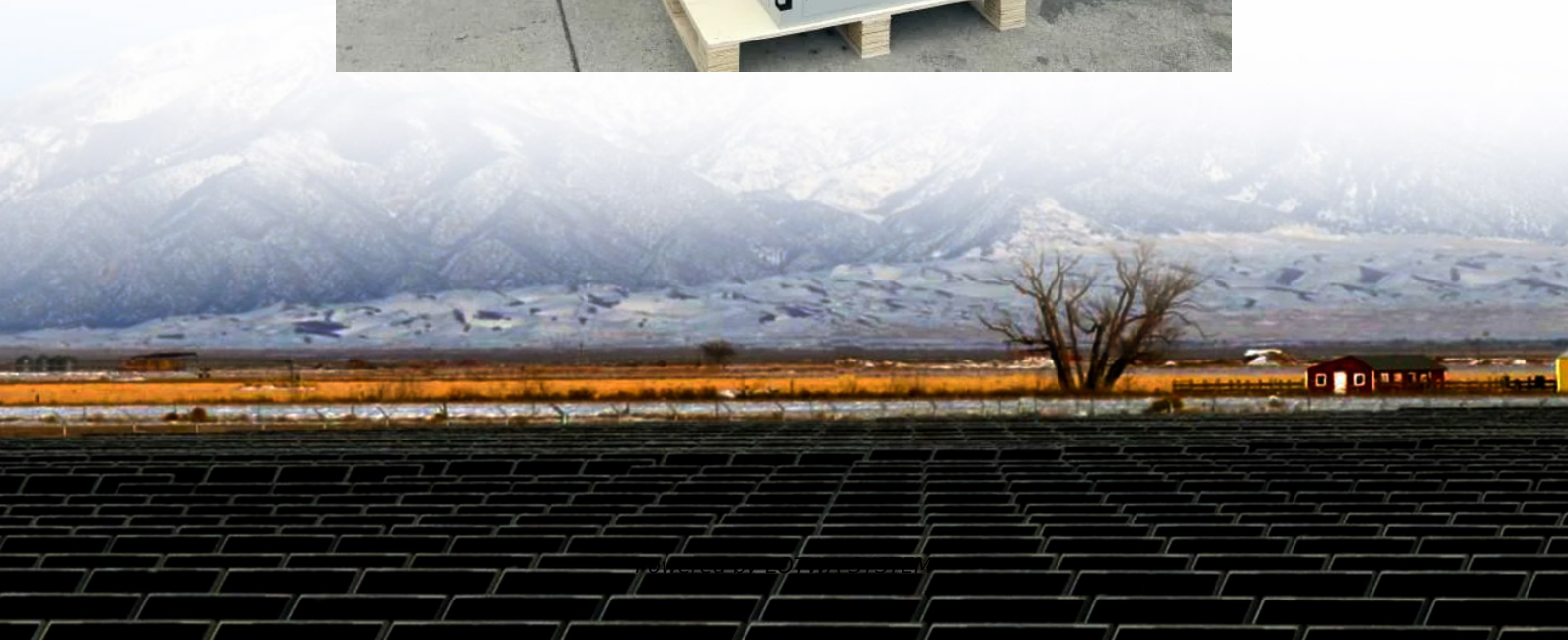


Base station power equipment installation





Overview

What is a base station power system?

The base station power system serves as a continuous "blood supply pump station," responsible for AC/DC conversion, filtering, voltage stabilization, and backup power. Its purpose is to ensure the uninterrupted operation of base station equipment.

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.

What does a base station do?

The base station, positioned between users and data centers, is the first responder to user requests. It relays signals efficiently, ensuring users stay connected. This image highlights the compact but comprehensive nature of base stations, showcasing their integration of protective enclosures, power systems, and antennas. 3.



Base station power equipment installation

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