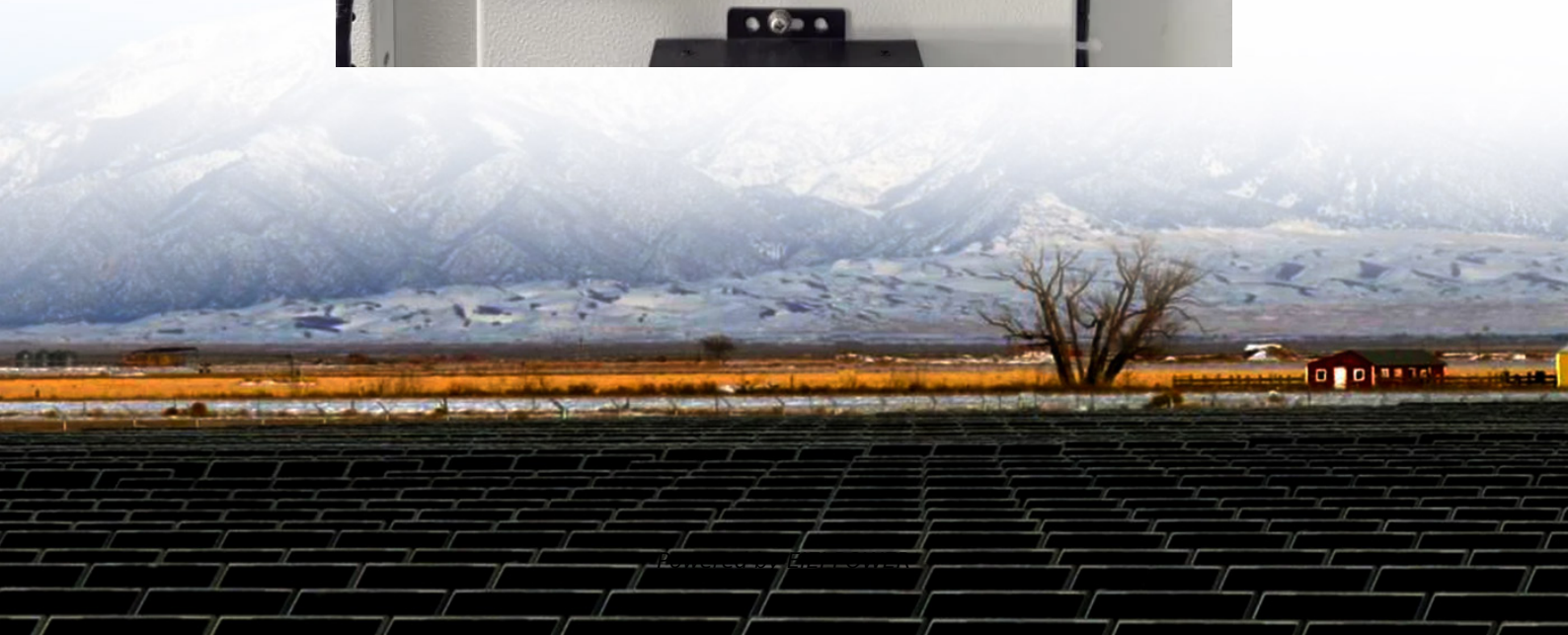


What should be placed in the base station power cabinet





Overview

What are the minimum clearance requirements for a base station?

Minimum clearances must be maintained between the cabinets and surrounding building parts/cabinet to accommodate the installation and maintenance of the base station. The following constraints must be considered for cabinet clearances:.

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.

What is a radio cabinet?

The cabinet houses critical components like main base station equipment, transmission equipment, power supply systems, and battery banks. Meanwhile, the pole serves as a mounting point for antennas, Remote Radio Units (RRUs), and other equipment, often resembling a "candied hawthorn stick" in its configuration.

Where should a battery cabinet be installed?

The battery cabinet must be installed adjacent to the power cabinet. The following diagram shows the equipment layout for a typical new indoor Macrocell site. Notes: The cabinets may be placed with zero clearance to the rear wall. The cabinets may be placed with zero clearance to the side wall, however some clearance is recommended.



What should be placed in the base station power cabinet



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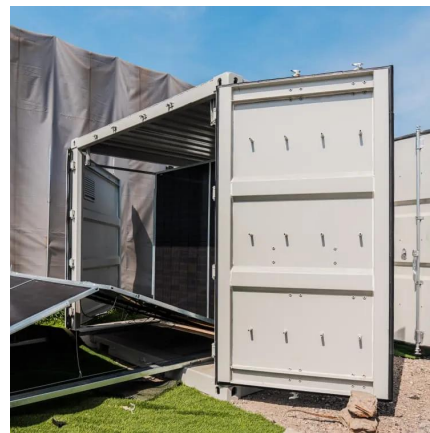
Base station transmission cabinet battery

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Equipment layout and clearances

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Equipment layout and clearances

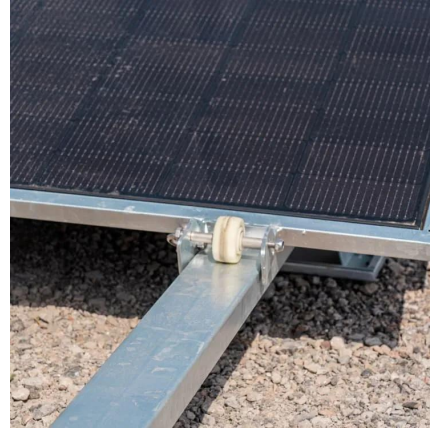
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BASE STATION EQUIPMENTS & CABINETS

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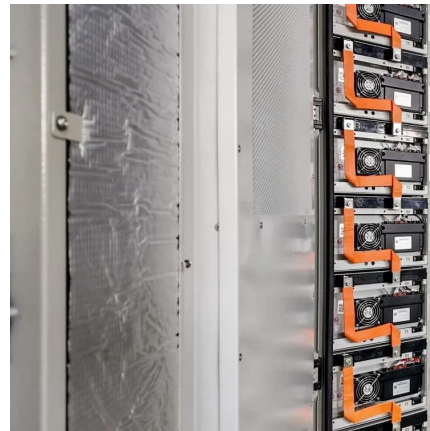


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...



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