

Small mobile communication micro base station





Overview

What's the difference between a macro base station and a small cell?

With a macro base station, there's one pipe going into the network; with small cells, it breaks the pipe into many pipes. The main goal of small cells is to increase the macro cell's edge data capacity, speed and overall network efficiency.

How does a small cell base station communicate with a core network?

The small cell base station communicates with the core network over a high-speed backhaul connection. Core network: The core network manages the overall operation of the small cell network, including authentication, authorization, and routing of user traffic.

What are the different types of base stations?

Pico cells, femtocells, micro cells, macro cells: The world of base stations is a mix of technologies and applications. Learn how small cells fit in today and as we head to 5G.

What is a small cell?

A small cell is basically a miniature base station that breaks up a cell site into much smaller pieces, and is a term that encompasses pico cells, micro cells, femtocells and can comprise of indoor/outdoor systems. With a macro base station, there's one pipe going into the network; with small cells, it breaks the pipe into many pipes.



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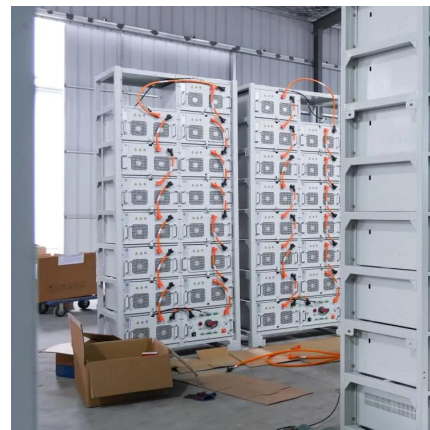


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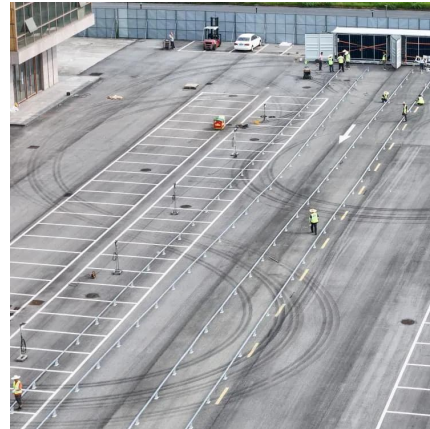


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The micro base station has small power and small coverage, with coverage distance between 100m and 1Km. Generally, working combination with macro base station and installed where ...

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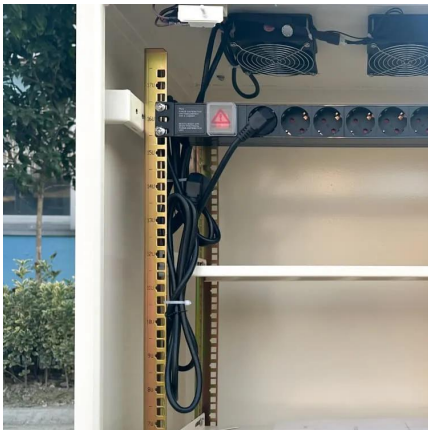
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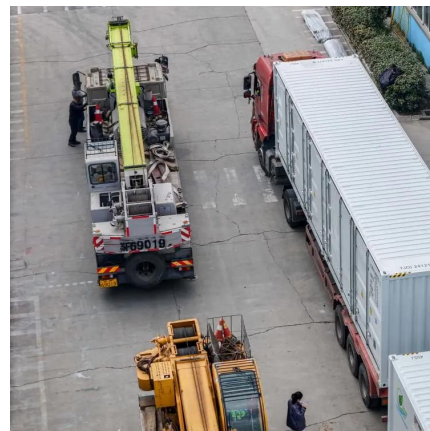
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