

Industrial Base Station Communication Technical Parameters





Overview

What are base station active antenna system standards?

Our latest “Recommendation on Base Station Active Antenna System Standards” provides the industry with an updated set of parameter definitions, measurement methodologies and reporting processes. This enables a uniform way to describe the electrical and mechanical characteristics of the network side of the radio link (the “base station antenna”).

Why do we need active base station antennas?

By using such a common approach describing active base station antennas, mobile networks can be better and more cost-effectively planned, engineered, and operated to ensure the high-quality mobile service that users, businesses and industry demand.

Is there a Base Transceiver Station BTS?

Irrespective of the network in use, there is a section that is yet to have an alternative which is the base transceiver station BTS of the cellular. In this article, broadband and high gain antennas are designed for bandwidth from 1.7 to 2.5 GHz which covers GSM 1800, 3G, 4G, and Wi-Fi applications.

Do macro BSS affect area power consumption and bit-per-joule EE metrics?

It is shown that macro BSs transmit (Tx) power and inter-site distance have a notable impact on the area power consumption and bit-per-joule EE metrics of a network.



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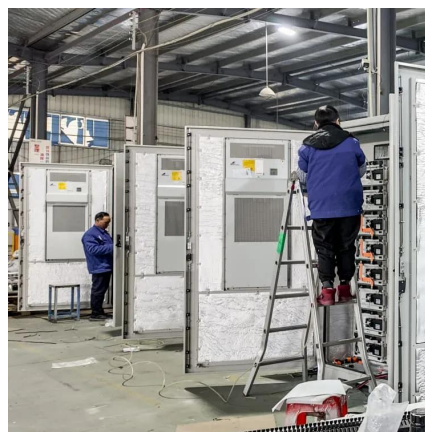


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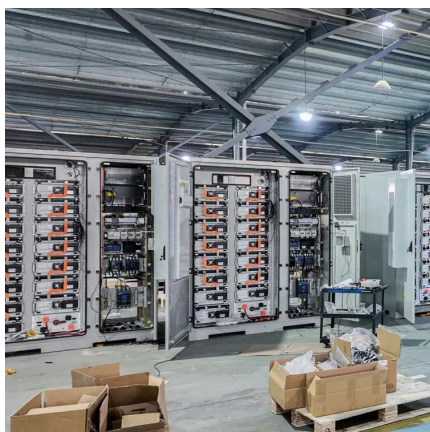
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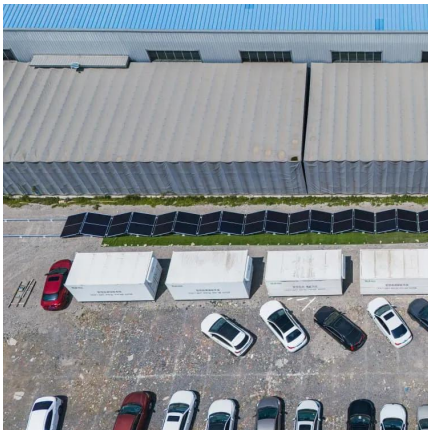


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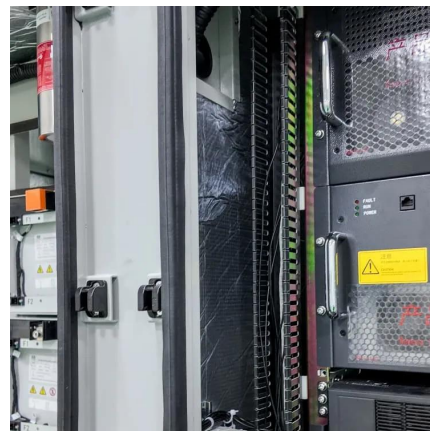
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