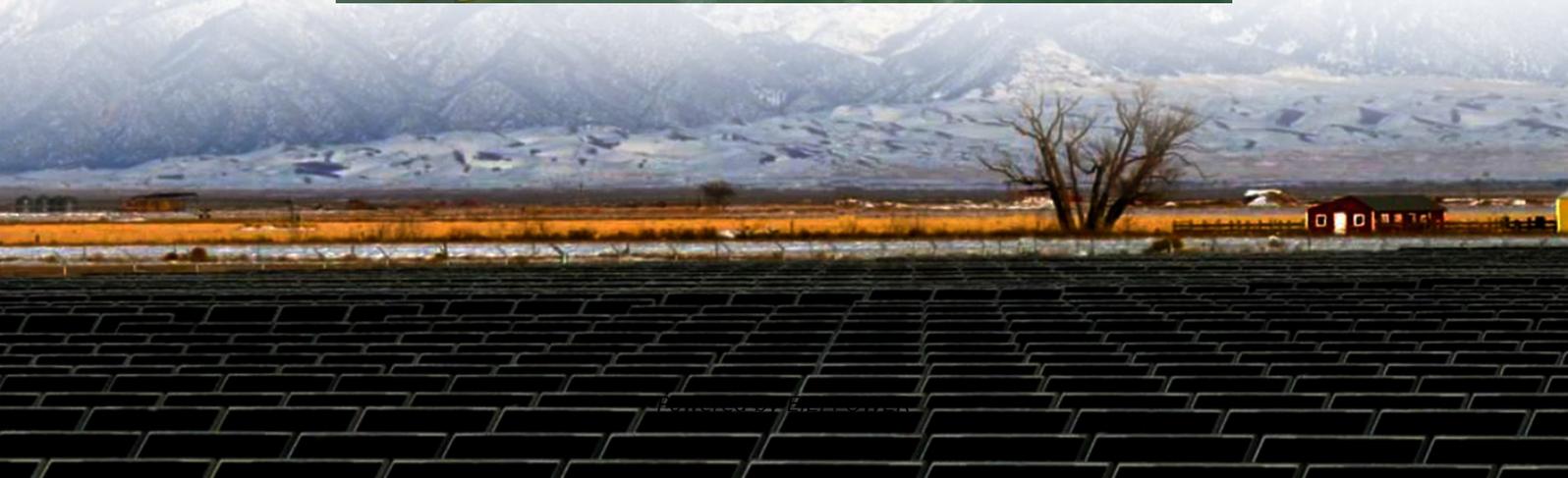


How much is the appropriate power supply per ton for a base station





Overview

What are the components of a base station?

A base station consists of a set of equipments including power amplifiers, baseband units, RF units, power supplies, and air conditioning. The power of a base station in operation in a 4G cellular network is 30 . .

What is the power of a 4G base station?

The power of a base station in operation in a 4G cellular network is 30 . . Lastly, in addition to the operational power , the base station includes a microwave antenna connecting the base station to the core network which has the power of , and a lighting module with the power of 30 .

How much power does a PSU need?

This is when the PSU is no longer powering the PA, which is the main power draw, but still needs to power other electronics. The current target for low-load efficiency is about 30 W. Some OEMs would like to see that drop to nearly 10 W.

What is pay as you grow uninterruptible power supply (UPS)?

With the adoption of scalable “pay as you grow” uninterruptible power supply (UPS) architectures, it’s becoming easier to install these systems. It allows the data center manager to simply add modules as the needs of the data center grow.



How much is the appropriate power supply per ton for a base station



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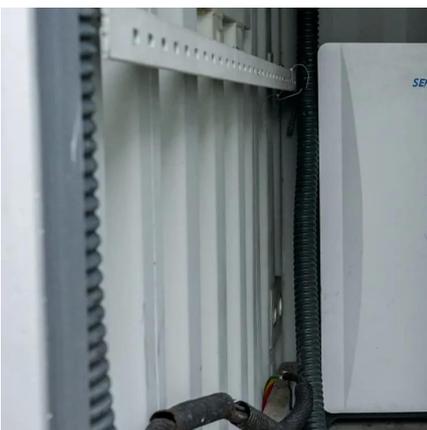
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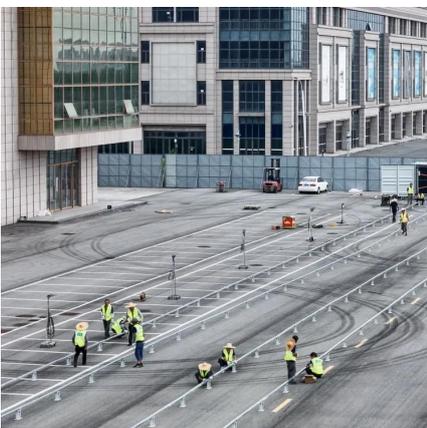


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[Selecting the Right Supplies for Powering 5G Base Stations](#)

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