EIEI POWER

5G Base Station Smart and Safe Power Cloud Platform

Overview

What is a 5G cloud base station?

The 5G cloud base station for industry is based on ZTE's unique NodeEngine computing power base station solution.

How to upgrade a site to a 5G cloud base station?

Only one board needs to be added, so to upgrade the existing site into one-stop 5G cloud base station for industry. No engineering survey is required, no new equipment room space needs to be added, so the private network services can be put into operation in one hour.

Is a 5G energy saving solution enough?

It also analyses how enhanced technologies like deep sleep, symbol aggregation shutdown etc., have been developing in the 5G era. This report aims to detail these fundamentals. However, it is far away from being enough, a revolutionized energy saving solution should be taken into consideration.

Can network energy saving technologies mitigate 5G energy consumption?

This technical report explores how network energy saving technologies that have emerged since the 4G era, such as carrier shutdown, channel shutdown, symbol shutdown etc., can be leveraged to mitigate 5G energy consumption.

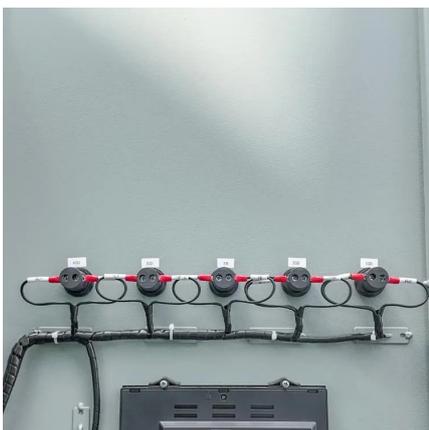# 5G Base Station Smart and Safe Power Cloud Platform

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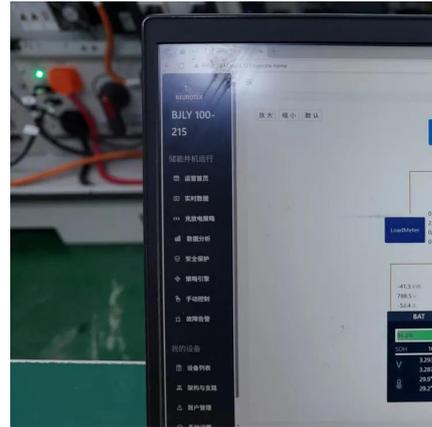

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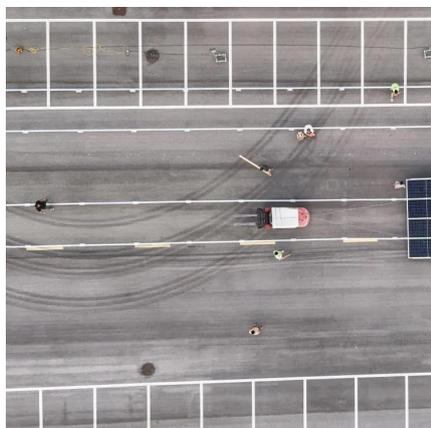

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