

# **What is the 5G base station in the power industry**





## Overview

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Will 5G base stations increase electricity consumption?

According to the characteristics of high energy consumption and large number of 5G base stations, the large-scale operation of 5G base stations will bring an increase in electricity consumption. In the construction of the base station, there is energy storage equipped as uninterruptible power supplies to ensure the reliability of communication.

Will 5G base stations energy storage become a research hotspot?

As a result, 5G base stations energy storage will become a research hotspot as a new energy storage configuration subject to participate in the frequency regulation ancillary service.

Does a 5G base station promote frequency stability?

The proportion of traditional frequency regulation units decreases as renewable energy increases, posing new challenges to the frequency stability of the power system. The energy storage of base station has the potential to promote frequency stability as the construction of the 5G base station accelerates.

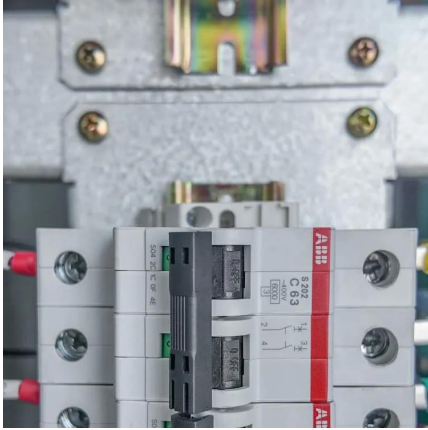
What is a 5G base station?

The base station is the physical foundation for the popularity of 5G networks. 5G base stations distribute densely in cities. According to the characteristics of high energy consumption and large number of 5G base stations, the large-scale operation of 5G base stations will bring an increase in electricity consumption.



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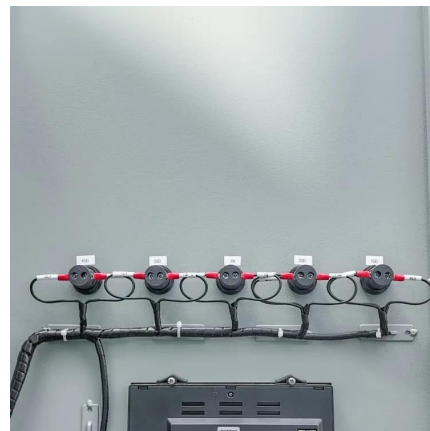
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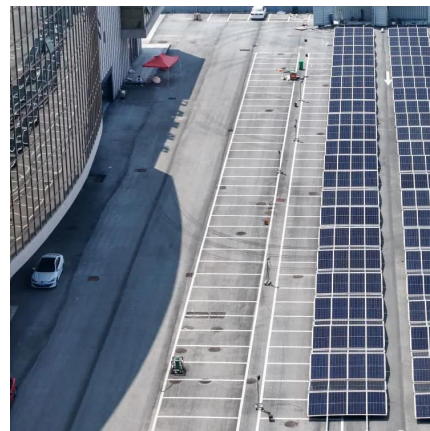


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