

# **Energy storage power station can use wifi**





## Overview

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Should energy storage power stations be scaled?

In addition, by leveraging the scaling benefits of power stations, the investment cost per unit of energy storage can be reduced to a value lower than that of the user's investment for the distributed energy storage system, thereby reducing the total construction cost of energy storage power stations and shortening the investment payback period.

How can energy storage system reduce the cost of a transformer?

Concurrently, the energy storage system can be discharged at the peak of power consumption, thereby reducing the demand for peak power supply from the power grid, which in turn reduces the required capacity of the distribution transformer; thus, the investment cost for the transformer is minimized.

How wireless enables modernization of the power substation?

Wireless is therefore a viable, multipurpose solution to extension of the power grid. The inherent security built into LTE/5G infrastructure and devices creates enhanced reliability and cybersecurity. In this blog, we will explore how wireless enables modernization of the power substation itself.

How does indoor wireless LTE converge a power grid and substation?

The deployment of indoor wireless LTE coverage within the substation allows for controlled integration of employee communication within the control room with the LTE wireless network enabling the power grid. Figure 3: LTE converges connectivity for power grid and substation



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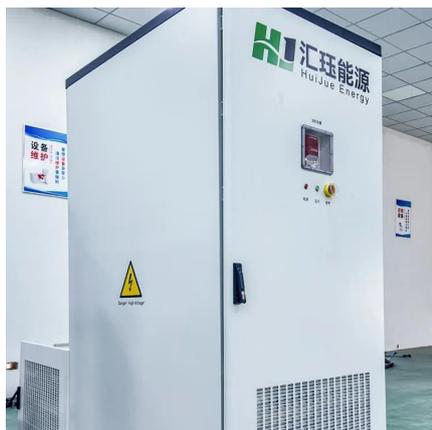


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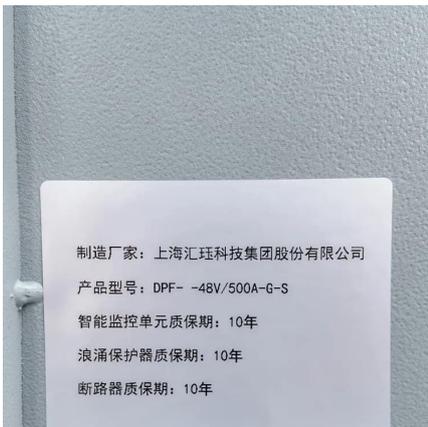
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### Wireless Private Network Solution for the Energy Storage

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