



# 5g solar container communication station wind power supporting





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In view of the special needs of the communication system, a communication system scheme for offshore wind farms based on 5G technology is proposed.



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This article aims to reduce the electricity cost of 5G base stations, and optimizes the energy storage of 5G base stations connected to wind turbines and photovoltaics.

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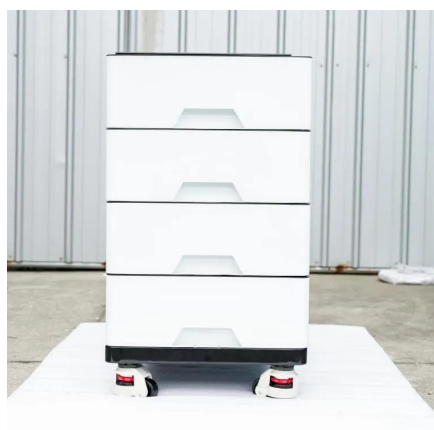
### **Digital array solar container**



## communication station wind power

This large-capacity, modular outdoor base station seamlessly integrates photovoltaic, wind power, and energy storage to provide a stable DC48V power supply and optical distribution.

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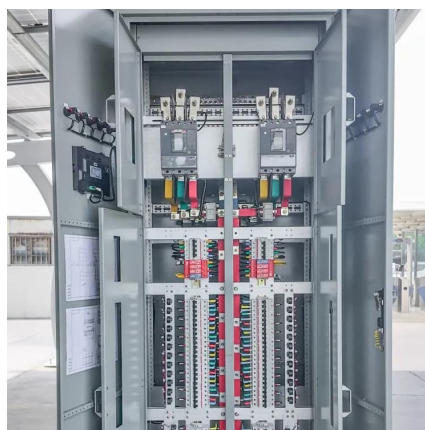
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The advent of 5G O-RAN (Open Radio Access Network) technology has revolutionized offshore wind turbine management. Leveraging domestically produced 5G O-RAN equipment, this ...

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