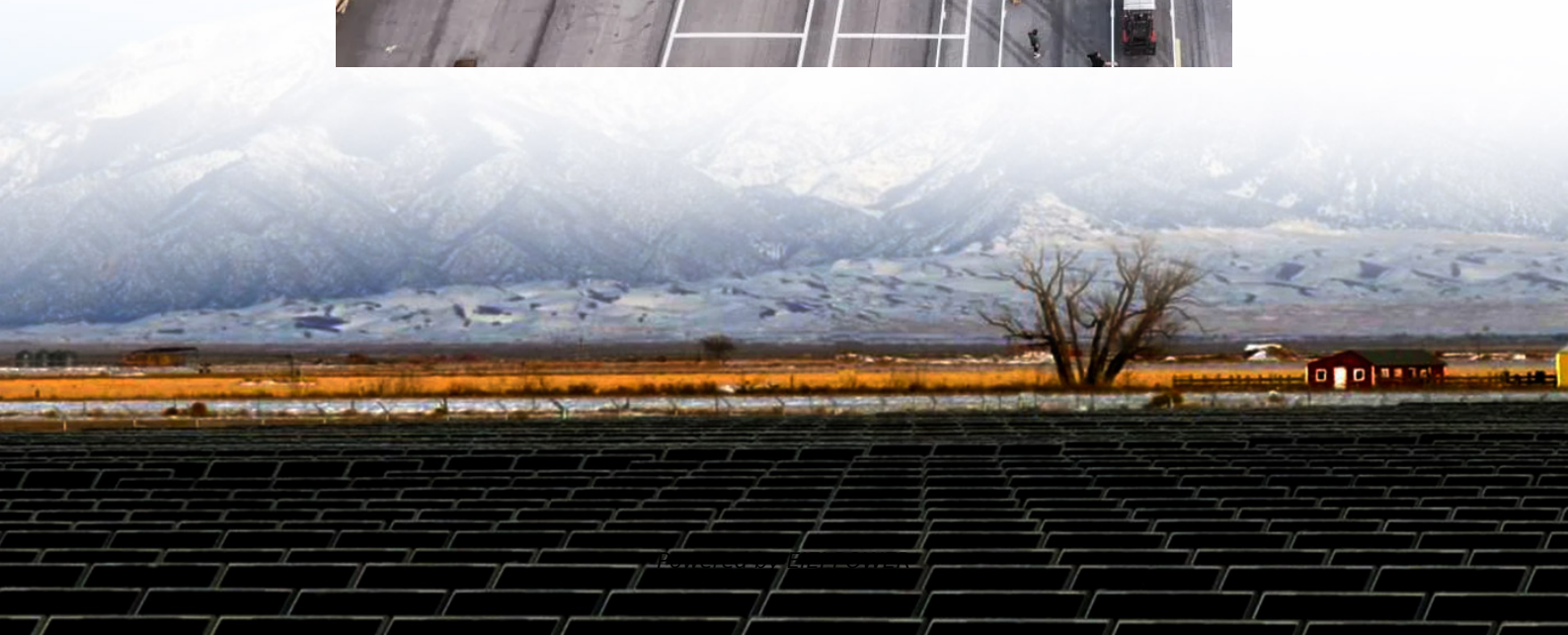
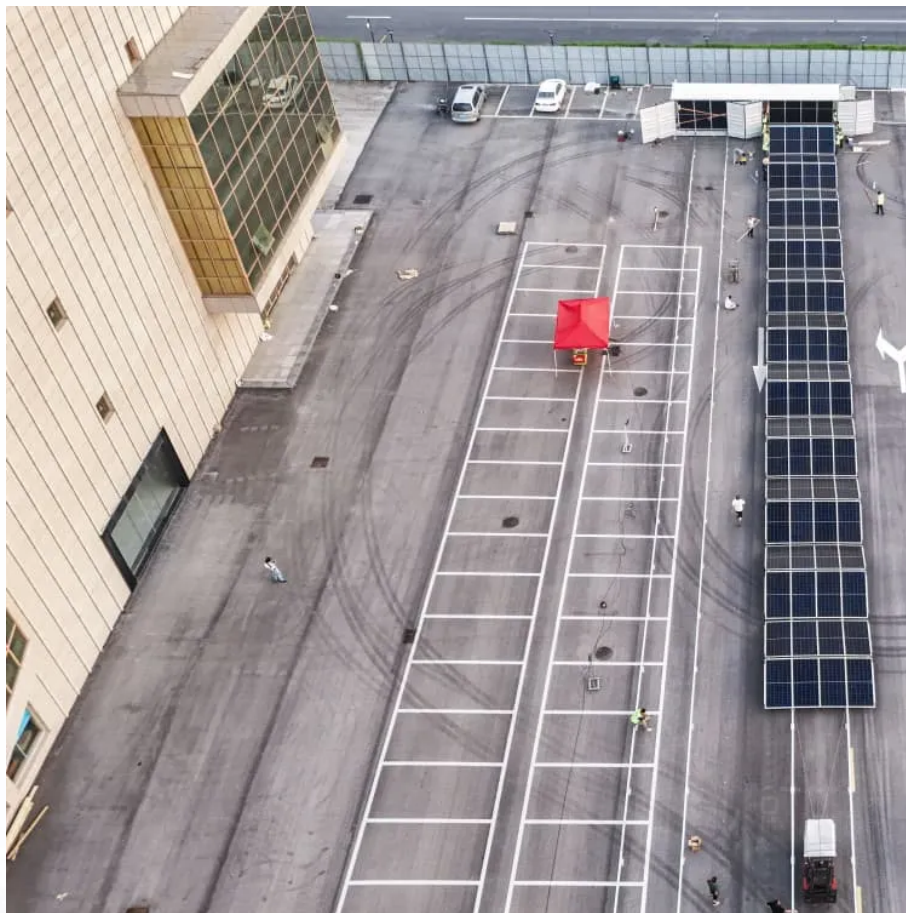


# Communication green base station equipment





## Overview

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What is a green base station solution?

The green base station solution involves base station system architecture, base station form, power saving technologies, and application of green technologies. Using SDR-based architecture and distributed base stations is a different approach to traditional multiband multimode network construction.

Why is a base station important?

Environmental protection is a global concern, and for telecom operators and equipment vendors worldwide, developing green, energy-saving technologies for wireless communications is a priority. A base station is an important element of a wireless communications network and often the main focus of power saving in the whole network.

How does a base station work?

In this scheme, the base station is powered by solar panels, the electrical grid, and energy storage units to ensure the stability of energy supply. When there is a surplus of energy supply, the excess electricity generated by the solar panels is stored in the energy storage units.

What is a low-carbon base station?

(A) The low-carbon base station consists of a power converter, power grid, photovoltaic, energy storage battery, and base station. The low-carbon base station system maintains communication with the control cloud platform and the micro base station.



## Communication green base station equipment



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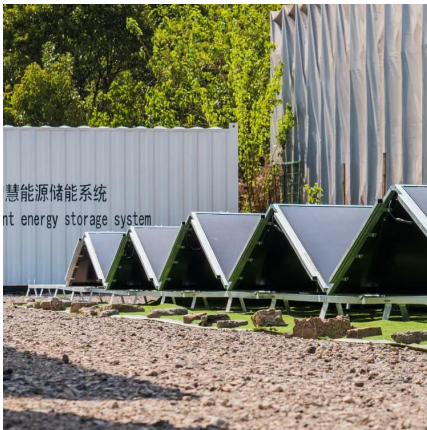
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