

# Main components of outdoor base station system

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Generated on: 2026-03-26 02:55:05

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The base station's RF circuitry is housed in a small outdoor module known as a remote radio head (RRH) or remote radio unit (RRU). ...

Communication equipment is the main part of a base station. These parts send and receive signals for wireless communication. Important items include antennas, transceivers, ...

The system output load and battery charging current are provided by the solar module. If the output power of the solar module is not enough to provide all loads, it is ...

This article explains the definition, structure, types, and principles of base stations, while highlighting the critical role of thermal interface materials in base station heat ...

The base station is equipped with a high-quality antenna, sufficient power supply, and often enhanced processing capabilities to ...

Power Requirements: Base stations operate on 120V AC power rather than 12V DC, requiring either built-in power supplies or separate AC-to-DC converters. Size and ...

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