

EQACC SOLAR

Mobile outdoor base station main construction



Overview

How do outdoor base stations work?

Outdoor base stations integrate all essential systems into a single Integrated Cabinet, designed to endure harsh conditions like direct sunlight, rain, and extreme temperatures. These units protect the equipment while ensuring efficient functionality. Towers are crucial for mounting antennas at high elevations, ensuring wide signal reach.

What is a base station?

Network Coverage: Base stations cover a given part of the earth. Various base stations are set up in such a way that forms a network to encompass all areas of the city, region or even an entire country.

What are the components of a base station?

The base station will have one or more RF antennas installed to transmit and receive RF signals from other devices. The block diagram of a base station typically includes the following key components: **Baseband Processor:** The baseband processor too deals with different communication protocols and interfaces with mobile network infrastructure.

Why are outdoor base stations important during power outages?

It becomes a top priority during power outages to maintain data flow. Outdoor base stations integrate all essential systems into a single Integrated Cabinet, designed to endure harsh conditions like direct sunlight, rain, and extreme temperatures. These units protect the equipment while ensuring efficient functionality.

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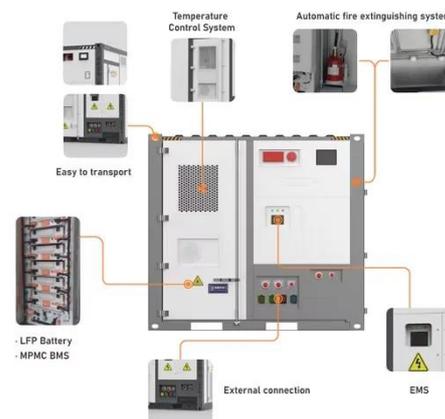
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Analysis of three base station construction methods

Macro base station construction has seen significant innovation, particularly in the outdoor antenna feeder system. The TD base station uses a smart antenna with a wide panel, which ...

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Shanghai Leads China for

Outdoor 5G Base Stations, Vice

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Construction of mobile phone base stations , Mobile

We also install base station equipment in blind areas (underground restaurant malls, subway stations, road tunnels, etc.) with no mobile signal even after installation of an ...

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Construction of mobile phone base stations

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Shanghai accelerates dual-megabits network construction

...

In parallel, the Shanghai Branch of China Mobile has committed to building 14,000



base stations that will blanket the main city and key areas by the end of the year, further ...

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Base Stations

The present-day tele-space is incomplete without the base stations as these constitute an important part of the modern-day scheme of wireless communications. They are ...

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Mobile communication base station

The outdoor integrated shelter solution meets the needs of outdoor station construction in the roadside community and top mountainous area, which is convenient for quick installation, ...

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INTEGRATED DESIGN
EASY TO TRANSPORT AND INSTALL,
FLEXIBLE DEPLOYMENT

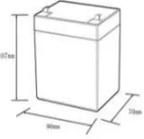


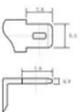
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12.8V6Ah

Nominal voltage (V):12.8
 Nominal capacity (ah):6
 Rated energy (WH):76.8
 Maximum charging voltage (V):14.6
 Maximum charging current (a):6
 Floating charge voltage (V):13.6-13.8
 Maximum continuous discharge current (a):10
 Maximum peak discharge current @10 seconds (a):20
 Maximum load power (W):100
 Discharge cut-off voltage (V):10.8
 Charging temperature (°C):0-+50
 Discharge temperature (°C): -20-+60
 Working humidity: <95% R.H (non condensing)
 Number of cycles (25 °C, 0.5C, 100%dod): >2000
 Cell combination mode: 32700-4s1p
 Terminal specification: T2 (6.3mm)
 Protection grade: IP65
 Overall dimension (mm):50*70*107mm
 Reference weight (kg):0.7
 Certification: un38.3/msds

Shanghai Has Built Over 72,000 5G Macro Base Stations

He stated that in recent years, Shanghai has actively implemented national requirements, proactively seized the new trends brought by the digital age, and seized the opportunities of ...



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