

SolarTech Power Solutions

New energy storage 48v telecom base station battery



Overview

This telecom lithium battery 48V 100Ah delivers full 100A discharge capability for powering microwave radios, remote radio heads (RRHs), and BBU shelves during extended outages – a critical advantage for your BTS backup power system lithium. Which battery is best for telecom base station backup power?

Among various battery technologies, Lithium Iron Phosphate (LiFePO₄) batteries stand out as the ideal choice for telecom base station backup power due to their high safety, long lifespan, and excellent thermal stability.

What is a telecom battery backup system?

A telecom battery backup system is a comprehensive portfolio of energy storage batteries used as backup power for base stations to ensure a reliable and stable power supply. As we are entering the 5G era and the energy consumption of 5G base stations has been substantially increasing, this system is playing a more significant role than ever before.

What is a 48V 100Ah LiFePO₄ battery pack?

Our 48V 100Ah LiFePO₄ battery pack, designed specifically for telecom base stations, offers the following features: High Safety: Built with premium cells and an advanced BMS for stable and secure operation. Long Lifespan: Over 2,000 cycles, significantly reducing replacement and maintenance costs.

What is the capacity of a sunwoda 48V Telecom battery?

Sunwoda 48V telecom batteries have a capacity covering 50Ah-150Ah, which can easily meet the power backup needs of macro and micro base stations. Sunwoda's telecom power system has a capacity covering 50Ah-150Ah, which can be widely used in various macro and micro-station backup scenarios.

Should telecommunication operators invest in a telecom battery backup system?

Investing in a telecom battery backup system is always one of the priorities

for telecommunication operators in the 5G era. Sunwoda 48V telecom batteries have a capacity covering 50Ah-150Ah, which can easily meet the power backup needs of macro and micro base stations.

What makes a telecom battery pack compatible with a base station?

Compatibility and Installation Voltage Compatibility: 48V is the standard voltage for telecom base stations, so the battery pack's output voltage must align with base station equipment requirements. **Modular Design:** A modular structure simplifies installation, maintenance, and scalability.

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