

SolarTech Power Solutions

Base station backup power supply voltage range



Overview

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Wide Temperature Range LiFePO₄ batteries operate reliably in temperatures ranging from -20°C to 60°C, making them suitable for the diverse and often extreme environments of telecom base stations. Environmentally Friendly LiFePO₄ batteries contain no heavy metals, and their production and recycling.

Telecom base stations require reliable backup power to ensure uninterrupted communication services. Selecting the right backup battery is crucial for network stability and efficiency. Key Requirements: Capacity & Runtime: The battery should provide sufficient energy storage to cover potential power.

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Telecom base stations are typically located in remote areas or urban locations with fluctuating power quality. While the grid supplies the primary power, these base stations must have a backup plan in case of outages or voltage instability. This is where Uninterruptible Power Supply (UPS) systems.

Your UPS must align with the voltage and current specifications of your telecommunications equipment. Base stations often operate with sensitive electronics that require stable power delivery. If the UPS fails to meet these requirements, it may cause fluctuations or interruptions. To verify.

Parameter configuration and data monitoring are carried out through the host computer software.

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