



A-Core Container

**Replace the communication
base station battery time**



Overview

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Once these batteries are installed and put into operation in a communication base station, they will not be replaced within a few years. Therefore, it is of great significance to strengthen the maintenance of the battery and improve its use, thereby effectively extending the service life of the.

When designing a UPS battery system for a telecom base station, engineers must address several critical factors to ensure reliability, efficiency, and longevity. The first step in designing a UPS system is to determine the power requirements of the telecom base station. This involves: Load.

Long Cycle Life LiFePO4 batteries can achieve over 2,000 cycles, and in some cases up to 5,000 cycles, far surpassing the 300-500 cycles of lead-acid batteries. This translates to lower replacement frequency and maintenance costs. Wide Temperature Range LiFePO4 batteries operate reliably in.

Before delving into the suitability of 12V 30Ah LiFePO4 batteries for communication base stations, it is essential to understand their technical specifications. A 12V 30Ah LiFePO4 battery has a nominal voltage of 12V and a capacity of 30 ampere - hours (Ah). This means that under ideal conditions.

The best ambient temperature of battery is 23~25°C. Excessive ambient temperature has a great impact on the service life of the battery. When the temperature rises, the corrosion of the battery plate will increase, and more water will be consumed at the same time, which will shorten the battery.

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