

# How many volts does the base station backup lithium power supply have





## Overview

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What is a lithium battery backup power supply?

Compared to traditional lead - acid batteries, lithium batteries have a much higher energy density. This means that for the same physical size and weight, a 48V 100AH lithium battery backup power supply can store more energy.

Which battery is best for telecom base station backup power?

Among various battery technologies, Lithium Iron Phosphate (LiFePO<sub>4</sub>) batteries stand out as the ideal choice for telecom base station backup power due to their high safety, long lifespan, and excellent thermal stability.

Can a 48v battery backup power supply be used in residential settings?

In residential settings, power outages can be inconvenient and even dangerous. The 48V 100AH lithium battery backup power supply can provide power to essential household appliances such as lights, refrigerators, and communication devices during blackouts.

What is a backup power supply?

The core of the backup power supply is the lithium battery cells. In a 48V 100AH configuration, these cells are carefully selected and assembled. Lithium - ion batteries are commonly used due to their high energy density. The 100AH capacity indicates the amount of electrical charge the battery can store.



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