

# How to select a UPS power supply for base stations





## Overview

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How to choose a suitable UPS system?

Before selecting a suitable UPS system, you should calculate the power requirements of all connected devices. The output power of the selected UPS should be 20 - 25 % higher than the total power consumption of the connected systems. The more systems connected to the UPS, the shorter the bridging time.

Why do you need an ups?

A UPS traditionally provides two things: Battery backup power if the primary power source is unavailable. Power conditioning to protect critical IT equipment from power surges, sags, and other miscellaneous fluctuations. They have built-in mechanisms for detecting power outages and voltage drops and rapidly switching to battery backup.

How does a high-quality UPS system work?

A high-quality UPS system has a bypass circuit that ensures the power supply directly from the mains in the event of maintenance work or an internal failure. This ensures that the power supply to your devices remains uninterrupted and stable.

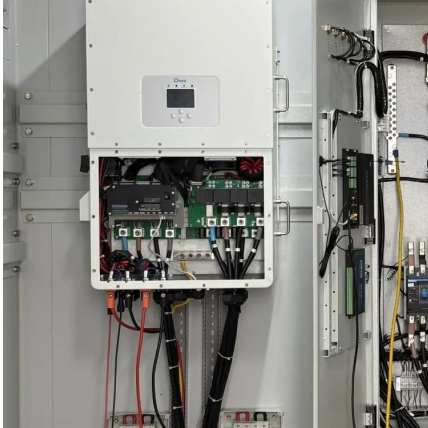
How does an ups work?

Offline (Standby) UPS How It Works: In normal conditions, the UPS allows power to pass through directly to connected devices. When the power fails, the UPS switches to battery power. 2.



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### **UPS power supply selection: What are the requirements for UPS power**

To sum up, choosing an appropriate UPS power supply is very important for the safe operation and stable communication of communication base stations, it can provide a high-quality power ...



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