

# Uninterruptible power supply to charge 12v battery

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What is a 12 volt uninterruptible power supply?

12 Volt 12A Uninterruptible power supplies includes a 5AH batteryfor 12V buses,cars and other vehicles to give a robust battery back-up for equipment in emergency vehicles. (BBU) 12 volt DC UPS module or battery backup (BBU) keeps 12 volt equipment alive in cars,buses,trucks and taxis using an internal sealed lead acid battery.

What is a simple uninterruptible power supply?

This article discusses a simple uninterruptible power supply that can come in handy in various situations. The design contains a rechargeable Li-Ion battery, battery protection and charging circuitry, and a 12V step-up module. It features two 12V outputs and a standard full-size USB port for charging all sorts of mobile devices.

What is a battery backup or uninterruptible power supply?

An uninterruptible power supply (UPS) or battery backupis a device that can power devices for several hours,depending on the model and the power consumption of the device,in the event of a power outage.

How much power can a battery provide?

The battery offers a capacity of 2.2Ah, which should be enough to supply small devices with power for a few hours. However, it's possible to modify the design to use a larger battery when necessary. The finished device has two switchable 12V outputs and a standard 5V USB socket for charging mobile devices. Bill of Materials  
Part/Quantity

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