



SolarTech Power Solutions

How to replace the flow battery of a communication base station



Overview

With the panel unplugged, unscrew the screw near where it says power on the back of the base station. Once there is no screw you can flip it over and pull the rear cover off. Then unscrew the battery holder. Then unplug the battery by tugging gently on the white connector.

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The Base Station takes four (4) 1.2V, 1300mAh nickel-metal hydride (NiMH) rechargeable batteries. Regular alkaline batteries should never be inserted into the Base Station, as they may damage the device. Once you have acquired the necessary NiMH rechargeable batteries, you can follow the steps.

If you have an ADT Total Security - TSSC - TS Base Station and the back up battery is low, you will want to replace it. You can purchase one here at this link and then watch this video to see how you replace it. [more](#) If you have an ADT Total Security - TSSC - TS Base Station and the back up.

Among various battery technologies, Lithium Iron Phosphate (LiFePO4) batteries stand out as the ideal choice for telecom base station backup power due to their high safety, long lifespan, and excellent thermal stability. This guide outlines the design considerations for a 48V 100Ah LiFePO4 battery.

We can replace those batteries with actual NiMH rechargeables at no cost! It's actually pretty simple. You have to remove the power cord which will reveal a single screw on Benergy Lithium ion phosphate (Lifepo4)batteries are used in a variety of applications, like various electric vehicles.

There may be a point where you will need to transfer your system and service to a new or different Base Station, such as replacing a faulty Base Station or transferring to a new Base Station when you move or upgrade your system. **STOP!** This article is for Gen 3 SimpliSafe® Systems only. If you are.

Is there a manual, with photos or step by step instructions, showing how to replace the battery in the base station?

I had a power outage and the base station ran on the backup battery, and it's now telling me the battery is low and needs to be replaced, but I can't see how to do that. Please don't.

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