Backup power moroni

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Hi all. I am looking for a way to supply a Pi3B+ with an independent 5volt supply so that I can use/build a safe shutdown backup power supply. I am only really interested in bringing the Pi to a safe sleep state and not to run it for any length of timeCurrently the Pi is fed via one or several 5volt gpio pins from an IQAudio Digiamp+ which has a 19volt supply connected to it.What I am hoping would work is to cut off the 5volt gpio pins through which the digiamp is feeding the 5volts to the Pi.Anyone got any ideas/views on that?

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We have no idea what USB device you are hooking up to, but if you want to access the microUSB port on something, you might want this. SparkFun broke out all 5 pins with a vertical microUSB connector for your prototyping needs.

Hi Sandy.Thanks for the reply but not what I am asking my question about. I have already set up a button to initiate a safe shutdown/startup.What I am trying to get around is the problem with having a 19 volt supply at present and the need for a delayed soft shutdown in the (frequent) event of a mains power outage.There are devices out there to do just that but I need to separate the power supply that currently feeds the Pi via 5volt gpio pins from the hat and be able to feed the pi independently.

Ah, ok, so like a battery/UPS kind of solution?

Yes Battery/UPS for which there are a couple of ways to go. BUT my problem remains in that I need to separate the 5volt supply which comes via the gpio pins to the Pi from the Hat.

Hi. We seem to have gone round in a circle with this one. The standard setup is that the hat supplies the Pi supply voltage.My origional post was to ask if I could cut out the 5volts feed from the hat and feed the Pi with an independant 5volt supply.

Imagine sitting at home during a storm, and suddenly, the power goes out. Everything goes dark, your appliances stop working, and you"re left wondering how long you"ll be without electricity. Now picture the same scenario, but instead of panicking, your home"s battery backup system quietly kicks in, keeping your lights on, your fridge running, and your family safe. Sounds reassuring, right?

With power outages becoming more frequent due to severe weather and aging infrastructure, many homeowners are turning to home battery backup systems for reliable, uninterrupted power. These systems not only protect your home during blackouts but can also help you save on energy costs and reduce your environmental impact. In this guide, we"ll break down everything you need to know about how these systems

work, their benefits, and how to choose the best one for your home. Whether you"re looking for peace of mind or ways to be more energy-independent, a home battery backup might just be the solution you need.

A home battery backup system is an energy storage solution that stores electricity for use during power outages or high-demand periods. When connected to your home"s electrical system, these batteries can supply power during blackouts, offering an alternative to traditional generators.

By integrating with renewable energy sources like solar panels, home battery backup systems also allow you to maximize the efficiency of your energy usage. This technology is a key component of making homes more energy-independent while reducing reliance on the electrical grid.

Home battery backup systems store energy from your home"s primary power source--whether that"s the utility grid or solar panels--and hold it until it"s needed. When a power outage occurs or the cost of electricity spikes, the system discharges stored energy, providing uninterrupted power to your home.

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