

# **Open Source Uninterruptible Power Supply**





## Overview

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What is an open-source uninterruptible power supply (UPS)?

Ryan Walker from Interrupt Labs, in collaboration with Protectli, has developed a new open-source uninterruptible power supply (UPS). This UPS, which operates on 12 18650 batteries, aims to provide a reliable power source for DC-powered devices during outages.

What are Uninterruptible Power Supplies (UPS)?

Uninterruptible power supplies (UPS) are devices that allow machines to keep their field power supplies, programmable logic controllers (PLCs), and communications devices functioning during an unexpected outage. They offer a means of achieving this.

How do I choose an uninterruptible power supply?

To select the right uninterruptible power supply (UPS), calculate the average power required for all connected appliances. For instance, a 350-500 VA capacity is suitable for an LCD monitor or a regular PC.

What is Ryan Walker's uninterruptible power supply (UPS)?

Discover Ryan Walker's collaborative venture with Protectli, unveiling a robust open-source uninterruptible power supply (UPS) leveraging 12 18650 batteries. Designed for DC-powered devices, it boasts features like an ESP32-based web server, RP2040 control, and GPIO connectivity.



## Open Source Uninterruptible Power Supply

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### [Protectli UPS: A Hackable Open-Source UPS Solution](#)

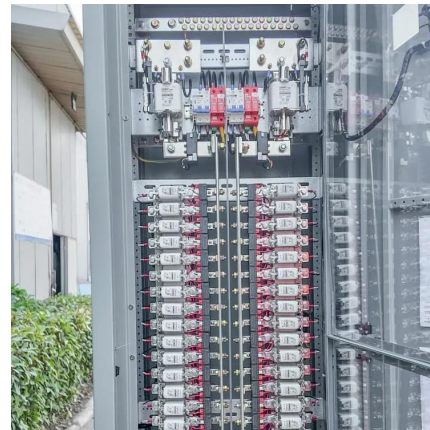
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### [Open Source DC UPS Keeps The Low-Voltage ...](#)

We all like to keep our network gear running during a power outage -- trouble is, your standard consumer-grade uninterruptible power supply (UPS) tends to be overkill for routers and such. The...

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**This is a simple, open source uninterruptible power supply (UPS)...**

GitHub - hacknus/open-source-ups: This is a simple, open source uninterruptible power supply (UPS), based around an STM32F405 and written in Rust.

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### **Network UPS Tools**

The primary goal of the Network UPS Tools (NUT) project is to provide support for Power Devices, such as Uninterruptible Power Supplies, Power Distribution Units, Automatic ...

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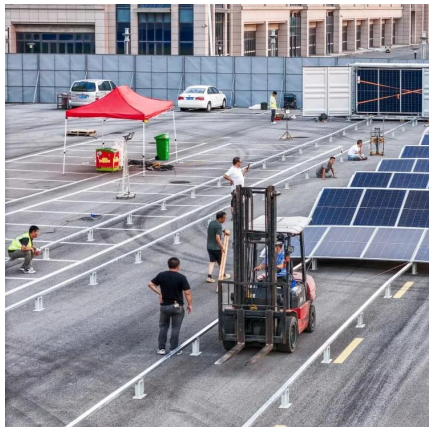




[uninterruptible-power-supply Open-Source Projects](#) , [LibHunt](#)

NOTE: The open source projects on this list are ordered by number of github stars. The number of mentions indicates repo mentions in the last 12 Months or since we started tracking (Dec ...

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[DIY uninterruptible power supply - geekabit](#)

DIY uninterruptible power supply Project March - June 2024 , Article by Maarten Tromp , Published 23 August 2025 , 3502 words. A home made uninterruptible power supply ...

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Open Source UPS UPS are commonly used in server applications to protect against power outages. For home applications, for example to protect a NAS, small Uninterruptible Power ...

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### **Design and implementation of online uninterruptible power supply system**

The application of microprocessors in automation and industry has become more and more extensive, especially the application of embedded microcontroller technology has promoted ...

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### **Protectli 12V DC UPS**

12V UPS with Open Source Monitoring Support  
The Protectli UPS is an uninterruptible power supply reimagined with an emphasis on hardware hacking. It is paired with features like a ...

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### **Interrupt Labs and Protectli Partner to Build a Hackable, Open Source UPS**

Maker Ryan Walker, of Interrupt Labs, has teamed up with Protectli to design an open source uninterruptible power supply (UPS) -- using 12 18560 batteries to keep DC-supplied devices ...

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[Protectli UPS: A Hackable Open-Source UPS...](#)



Discover Ryan Walker's collaborative venture with Protectli, unveiling a robust open-source uninterruptible power supply (UPS) leveraging 12 18650 batteries. Designed for DC-powered devices, it ...

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