

# UPS Setup

## Installing NUT for the OpenUPS

```
$ sudo apt-get install nut
```

Add the following to `/etc/nut/ups.conf`:

```
[openups]
  driver = usbhid-ups
  port = auto
  desc = "OpenUPS"
```

And comment out the line `maxretry = 3`.

Try if it works:

```
$ sudo upsdrvctl start
```

Then, edit `/etc/nut/nut.conf` such that the last line reads


```
MODE=standalone
```

Finally reboot and run

```
$ sudo upsc openups@localhost
```

This should display information about the connected UPS. Check the `device.model` parameter and make sure that it is OPEN-UPS

## Open UPS Default Settings By Battery

To load these parameters, you will need to install the [Windows tool](#) provided by Mini-Box. When you run it, you should see something like this: 

By switching to the settings submenu, you will be able to load the parameters through the **All parameters: File ==> OpenUPS (settings.ini)**. Use the correct settings file from below for your battery.

If you have need to update these files, please send the request to the [IT Channel](#)

### LiFePo4 3 cell 9.9V 4200 mAh

zippy\_settings.7z

From:

<http://robosub-vm.eecs.wsu.edu/wiki/> - **Palouse RoboSub Technical Documentation**

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