

# Venus

## Step 1: Update Git

1. Update local git repo to get the newest **Venus\_Release** folder (under **firmware** directory), which contains **VenusReleaseFiles** folder, **update\_Venus.py** and this document.

## Step 2: Create bucket and update config.py

1. Open [Installation\\_Data.xlsx](#) at **Venus** sheet and pick the installation needs to update
2. Go to [monitor](#) and click **Add new Installation** button

The form consists of seven input fields stacked vertically, followed by two buttons. The fields are: 'Installation Name \*' (red border), 'Region \*' (grey border), 'Location \*' (red border), 'Country \*' (red border), 'VpnIp \*' (red border), 'VRM Link \*' (red border), and 'Information' (grey border). Below the fields are a 'Submit' button (grey) and a 'Cancel' button (blue).

3. Copy **Installation Name**, **VpnIp** and **VRM Link**(**only the number before /dashboard in the link as follows**) from the sheet to here. Fill out **Region**, **Location** and **Country** using Google Map. And then press **Submit**.  
★ Location<Region<Country

- ★ <https://vrm.victronenergy.com/installation/182172/dashboard>
- 4. Go to **Information** tab of the installation, choose the **Device Type** as **Venus**, and copy **S3 Bucket Name**, **S3 Write Key**, **S3 Write Secret Key** one by one to update **s3 configuration** in **config.py** under the directory of **Venus\_Release/VenusReleaseFiles/dbus-fzsonick-48tl**
  - ★ For the S3 bucket name, only need to change the installation id at the beginning.
  - ★ **Please make sure to copy the full key content.**
  - ★ **Please bear in mind that this step needs to be done for each installation!!!**

Installation Name: **Berger, Büsserach/SO/CH | KWenergy GmbH (2022-00130)**

Status: ●

Installation Name  
Berger, Büsserach/SO/CH | KWenergy GmbH (2022-00130)

Region \*  
Bern

Location \*  
Port

Country \*  
Switzerland

VPN IP  
10.2.2.36

vrmLink  
182172

Device Type  
Cerbo

Information

S3 Bucket Name  
14-c0436b6a-d276-4cd8-9c44-1eae86cf5d0e

S3 Write Key  
EXOf64b919f494cb71894e6e806

S3 Write Secret Key  
Vr6U2qtZVbZWU-knPxZPaNoMu2OkS6HI1WN7RKWNTjU

[Apply changes](#) [Delete Installation](#)

```
14
15 #s3 configuration
16 S3BUCKET = "2-c0436b6a-d276-4cd8-9c44-1eae86cf5d0e"
17 S3KEY    = "EX05b2e35442791260eaaa7bdc8"
18 S3SECRET = "XFF0VzenDiEQoLPmhK6ML9RfQfsAMhrAs25MfJxi-24"
19
```

### Step 3: All magic here

1. Navigate to **Venus\_Release** directory in any kind of terminal
2. Run the script with the command: **python3 update\_Venus.py <VPN\_IP>**  
★ **Replace <VPN\_IP> with the actual VPN ip of the installation**

### Step 4: Check everything works well

1. Whether the battery is there on VRM
2. Whether the battery is there on monitor