

## Groups



### Octopus R&D

Private · 186 members  
This group is for users that use the Octopus R&D Labs app to share experiences

Pending



### Octopus Go, Intelligent Octopus, Octopus Flux and Cosy chat

Private · 15K members · 6 posts a day  
This is just a friendly group for Octopus Go, Intelligent Octopus, Octopus Flux &

Pending



### The Octopus Kingdom

Public · 117K members · 7 posts a day  
Welcome to The Octopus Kingdom! 🐙🍷 This is a vibrant community where octopus

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### GivEnergy Battery and EVC Owners

Greg Stewart · 20 September 2023 · 🌐



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Octopus R &D

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Octopus R&D labs setup help, there's a lot of interest in this so I thought I would help as much as I can, I am not on agile currently so I cannot show 100% of the process but I have got as close as I can.

Quite a few people having issues with R&D not working at times, so bear this in mind. It is super beta. If you fancy paying for a service that so far is proving to be very reliable have a look at <https://myenergyoptimiser.co.uk/>

This will allow octopus to control your system based off parameters you set, so it can charge the cheapest 6 half hour slots per day, or charge when prices go below 10p, or discharge when above 15p. It's your choice entirely so decide what fits your situation.

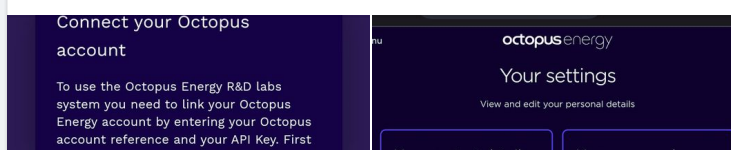
It also allows those on octopus cosy to charge twice a day if they want.

For setting schedules etc you NEED to use the webpage, the app does NOT have these options.

If using price based triggers I'd suggest watching the prices and tweaking weekly!



1. Go to <https://smart-energy.octopushome.net/sign-in>
2. Sign-up using your email address and create a password
3. Verify your email address
4. Put in your octopus account number
5. Get your octopus API key, you get this by going to the Octopus website, my account then just under your name click "Personal Details", you will see API access then an option to copy/generate an API key.
6. Once into R&D labs click the three lines top left then devices, add a brand, select Givenergy and give it a name you like. When you click create it will ask for an API key, this is your Givenergy API key.
7. To get the Giv API key go to <https://givenergy.cloud/login> and login, then find account settings then manage security settings. Click generate API token, give it a name then tick the box under "token scopes" for full access, select how long you want it to last for before it expires (forever), scroll down and generate. On the next screen make sure you copy this, do not share it with anyone! It allows full control of your system.
8. Paste this API key into the octopus R&D labs page and your inverter will show up
9. In here if you click on the three lines, devices then click on your inverter you will get some nice graphs and charts you can use
10. If you want to setup agile charging that triggers based on price click the three lines then help, they have a very very thorough guide with screenshots to take you through charging the Xnr cheapest slots per day or whenever the price goes below Xp per kWh, make sure you tick the box to enable eco mode after charging!
11. Whilst viewing your inverter/device there is a small settings cog top right, in there then dashboard there are two tick boxes you can enable to show your inverter on the front page of R&D labs when you open it



## Pages



**Octopus Energy** ✓

Energy company · **Open now** · 176K followers · 2 posts in the last two weeks  
Doing energy better, for you, your wallet, and the planet.

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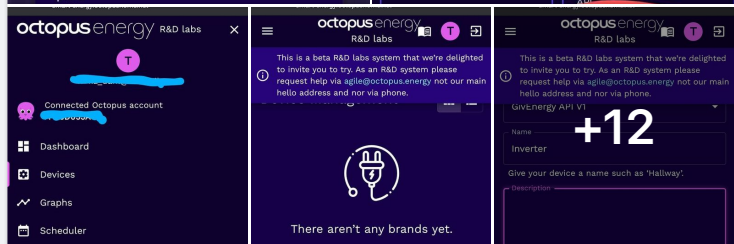
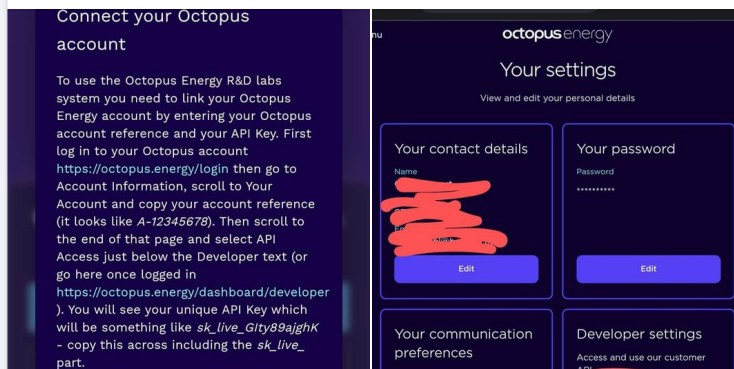
**GivEnergy Owners**

Greg Stewart · 20 September 2023 · 🌐

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It also a... [See more](#)



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6

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