

Setting Up

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Retrieving Your API Details

Octopus Compare relies on the Octopus Energy API, which is an interface that applications can easily access and retrieve data. The Octopus Energy API is freely available to anyone who would like to access their raw data, or other data related to Octopus Energy such as tariffs. The full details of the API can be found [here](#), along with some examples of the responses: [Octopus Energy v1 API](#)

Some features of this API requires authentication to access data from your personal Octopus Energy account, which includes your meter information and consumption data. Rather than opting for an email and password, an 'API Key' is used which is randomly generated and can be refreshed whenever requested - this ensures that your email and password isn't available to 3rd party tools and in the case you believe someone is using your data, you can refresh your key. This key gives 'read-only' permissions to 3rd parties and doesn't have the ability to change details on your account.

Octopus Compare requires that you have a valid smart meter linked with your Octopus Energy account. Without a smart meter (SMETS1 or SMETS2), you will currently be unable to use the application as consumption data is not available via the API.

Retrieving your credentials

Accessing your credentials is easy. First head to the [Octopus Energy Developer Dashboard](#) and log in using your email and password. You will be greeted with a page as shown below, which will contain a section containing your API Key and Account Number. Further down the page you will also find the MPAN and Serial Number of your Electricity Meter (and Gas Meter if applicable).

API access

Welcome to the beta of the customer API. More info and documentation can be found on our [developer portal](#). If you've any questions email us at hello@octopus.energy.

Authentication

Warning: Your API key should remain a secret and not be shared in publicly accessible areas.

Your API key is: `sk_live_XXXXXXXXXXXXXXXXXXXXXXX`

Your account number is: A-12345678

[Regenerate API key](#)

For now, keep this page open as Octopus Compare uses both your API Key and Account Number to retrieve your details.

Entering Your API Details

Now that you have your API Details from the Octopus Energy Dashboard, you can use these to begin setting up Octopus Compare.

We have made this process easy by only requesting both your API Key and Account Number - we'll do the rest. Copy both pieces of information into your Octopus Compare app. With your API Key in the first field and Account Number in the second, press 'Next'.

Setup (1/3)

Please provide your Octopus Energy API key and Account number below.

This information is not shared and only used by the app to retrieve the necessary data from your Octopus Energy account for the purpose of providing you with historical usage and product comparisons.

Use the 'Get API Details' link below to obtain these details from your Octopus Energy Account dashboard. Please note this app requires you to have a Smart Meter installed.

API Key
sk_live_XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Account Number
A-12345678

[Get API Details](#)

[Don't have an Octopus Energy account?](#)

Next

Choosing your meter

If successful, you will be presented with the next step in which you can select the desired Electricity Meter that you would like to use with Octopus Compare. Don't worry if every field is greyed out, this just means that these are the only details available for those fields.

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Setup (2/3)

The following details have been retrieved from your Octopus Energy account.

API Key

sk_live_XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Account Number

A-12345678

Property

123 Fake Street

MPAN

2000000000000

Serial Number

1234567890

Note: the app does not currently support export meters

Next

It isn't uncommon that you may have multiple serial numbers under a single MPAN. This can occur due to a new, upgraded meter or from a previous meter from a different energy supplier. If you do have multiple meters, select the one specified on the Octopus Energy Developer Dashboard.

Once all your details are correct in Step 2, you can press next. This will download any available consumption for your selected meter and allow you to begin selecting products in the final step.

Downloading Products

Now that all your consumption data has been retrieved, you can begin downloading products which can be used to compare against each other. Typically the most popular 2 tariffs are Agile Octopus and Octopus Go, but you can select any products that you would like. To complete this stage, you must select at **least** 2 products. You can always add or remove more products later within settings.

Once downloaded, you will see a visual confirmation in the form of a green checkmark next to the downloaded product. In the case that you receive an error, please get in contact with us at the using our [contact form](#).

Downloading products can sometimes take a while and some products may take more storage space than others.

Setup (3/3)	Start Over
Affect 12M Fixed This tariff features 100% renewable electricity and fixes your unit rates and standing charge for 12 months. There are no exit fees, so if you change your mind, you're in control.	↓
Affect Standard Tariff Affect Standard Tariff offers great value and 100% renewable electricity. As a variable tariff, your prices can rise and fall with wholesale prices - but we'll always give you at least 30 days' notice of a change, and you can switch to a fixed tariff at any time.	↓
Agile Octopus	↓
Co-op 12M Fixed This tariff features 100% renewable electricity and fixes your unit rates and standing charge for 12 months. There are no exit fees, so if you change your mind, you're in control.	↓
Co-op Flexible Co-op Flexible offers great value and 100% renewable electricity. As a variable tariff, your prices can rise and fall with wholesale prices - but we'll always give you at least 30 days' notice of a change, and you can switch to a fixed tariff at any time.	↓
Co-op Community Power This tariff features 100% renewable electricity and fixes your unit rates and standing charge for 12 months. There are no exit fees, so if you change your mind, you're in control.	↓
Octopus Direct 12M Fixed This tariff features 100% renewable electricity and fixes your unit rates and standing charge for 12 months. There are no exit fees, so if you change your mind, you're in control.	↓
Octopus Go	↓
Octopus Go Faster (3H from 0030)	↓
Octopus Go Faster (3H from 0130)	↓
Finish	

Setup (3/3)	Start Over
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Co-op 12M Fixed This tariff features 100% renewable electricity and fixes your unit rates and standing charge for 12 months. There are no exit fees, so if you change your mind, you're in control.	↓
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Octopus Go	✓
Octopus Go Faster (3H from 0030)	↓
Octopus Go Faster (3H from 0130)	↓
Finish	

Once you've pressed finish, you have completed the setup and can now start using Octopus Compare.