

# Puredrive Energy Ltd Smart APP Guide



# Smart APP Guide

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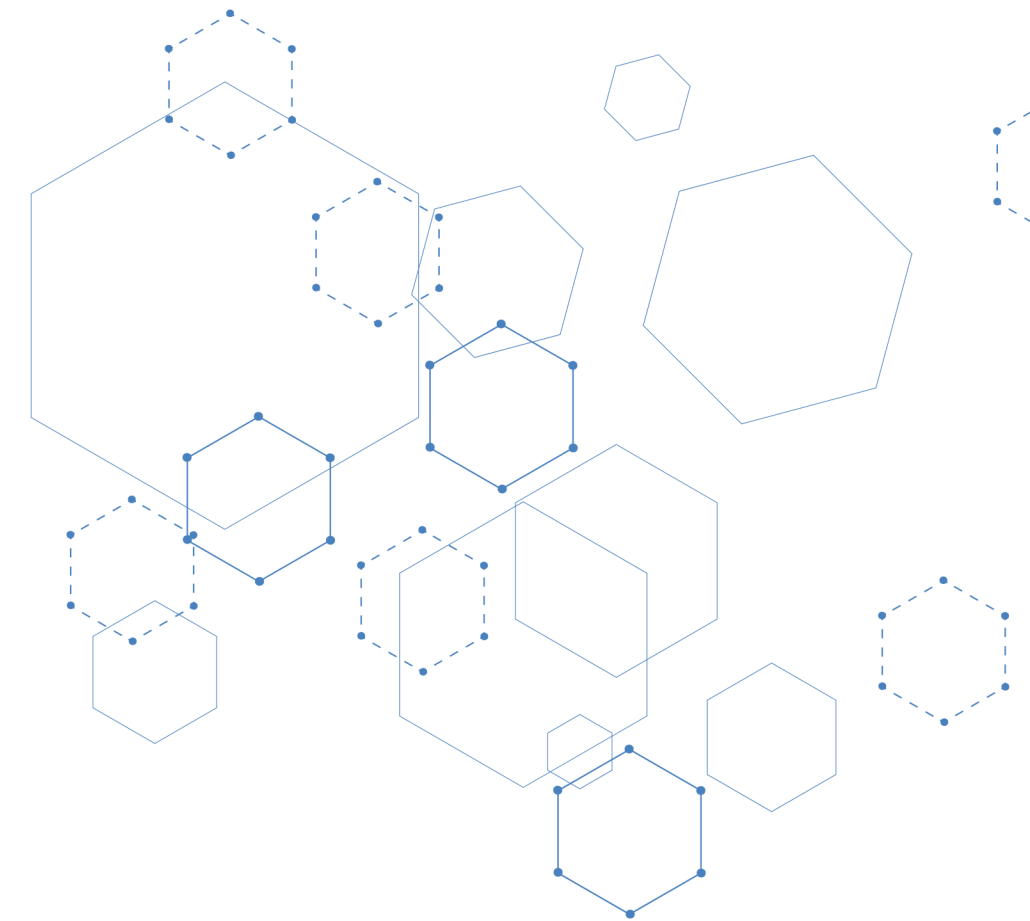
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### AC System Set Up

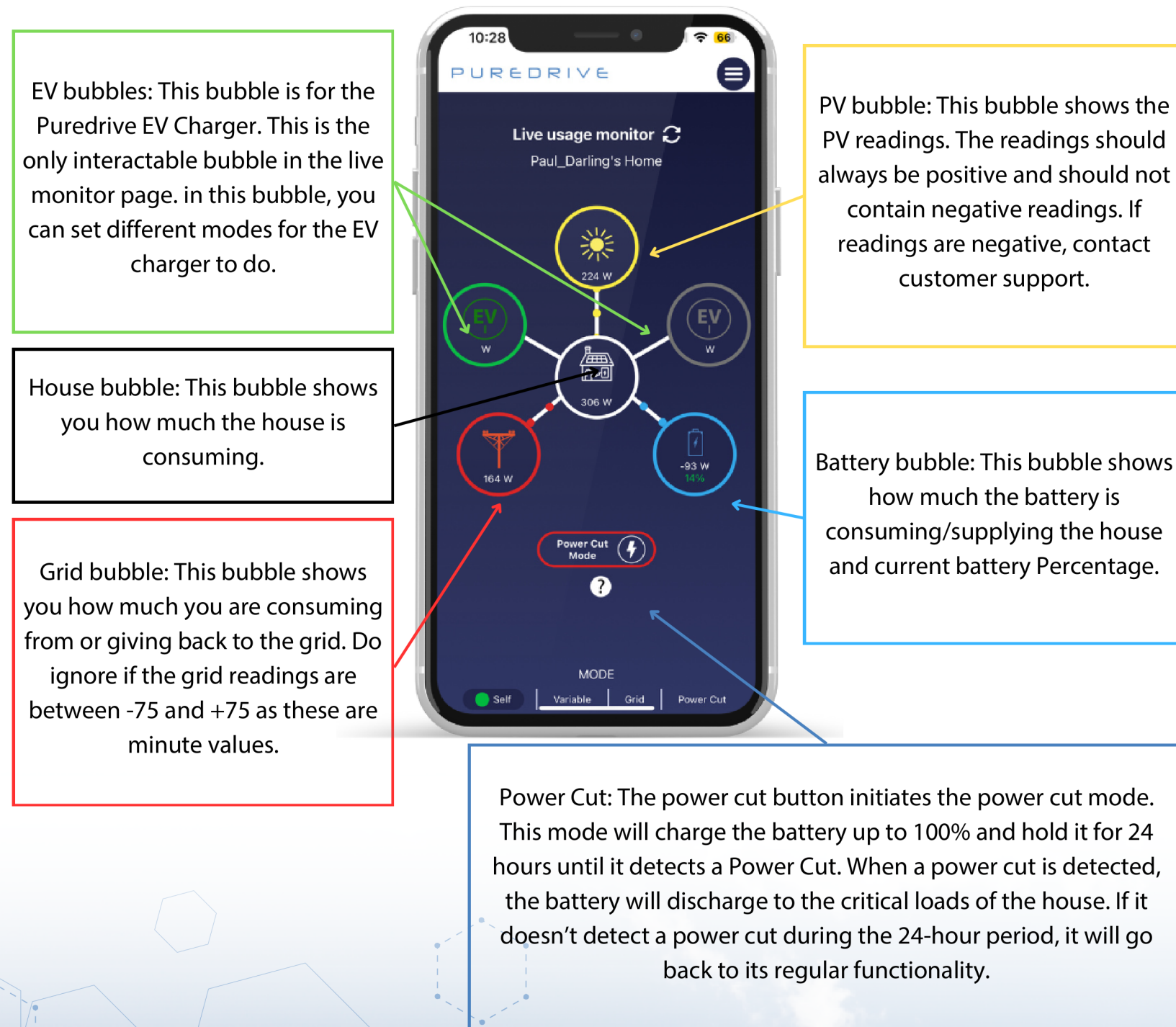
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# 1.0 Live Usage

This is the live usage page, In this page you can view the live readings of your system.



# 1.1 Battery Status Modes

The four modes at the bottom of the page indicate the status of the battery.

- Self: This means the battery is under normal functionality.
- Grid: This means the battery is under grid services.
- Variable: This means the battery is under a variable rate tariff.
- Power Cut: This means the battery is under power cut mode.

## 2.1 Mode definitions and uses



### PureGreen

This mode allows you to charge your EV purely using green energy.

Allowed combination of modes:  
PureGreen cannot be combined with any other Modes.

### Smart

This lets you charge using Variable rate tariff.

Allowed combination of modes:  
Smart cannot work on its own, It has to be combined with TimedBoost. If you want Smart to work with GreenBoost, you need to combine Smart, TimedBoost and GreenBoost.

### Default

This mode lets you charge the EV like a dummy EV Charger. Simple Plug and Charge.

Allowed combination of modes:  
Default will only work after deselecting all the modes.

### GreenBoost

This mode lets you charge your EV partially with green energy and grid energy.

Allowed combination of modes:  
GreenBoost can work on its own or you can combine with Timed boost or TimedBoost and Smart mode.

### TimedBoost

Allows you to set custom charge rate and time.

Allowed combination of modes:  
TimedBoost can work on its own. It can also work by combining TimedBoost and GreenBoost. It can also work by combining with Smart Mode.

To be able to use The EV Charger, the session must start. Once the session is started, you can set to your preferred modes and press go. If you want to stop the charger, you need to stop the session.

### 2.2 How to Use & Control Charging Sessions



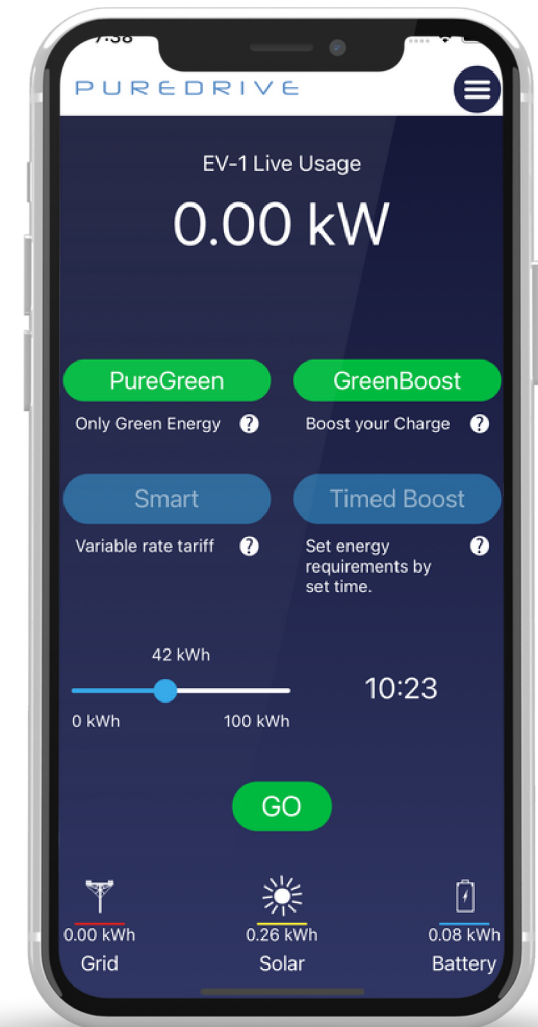
Select 'Start'



Select Mode(s), Select 'Go'



To End Charging Session,  
Select 'Stop'

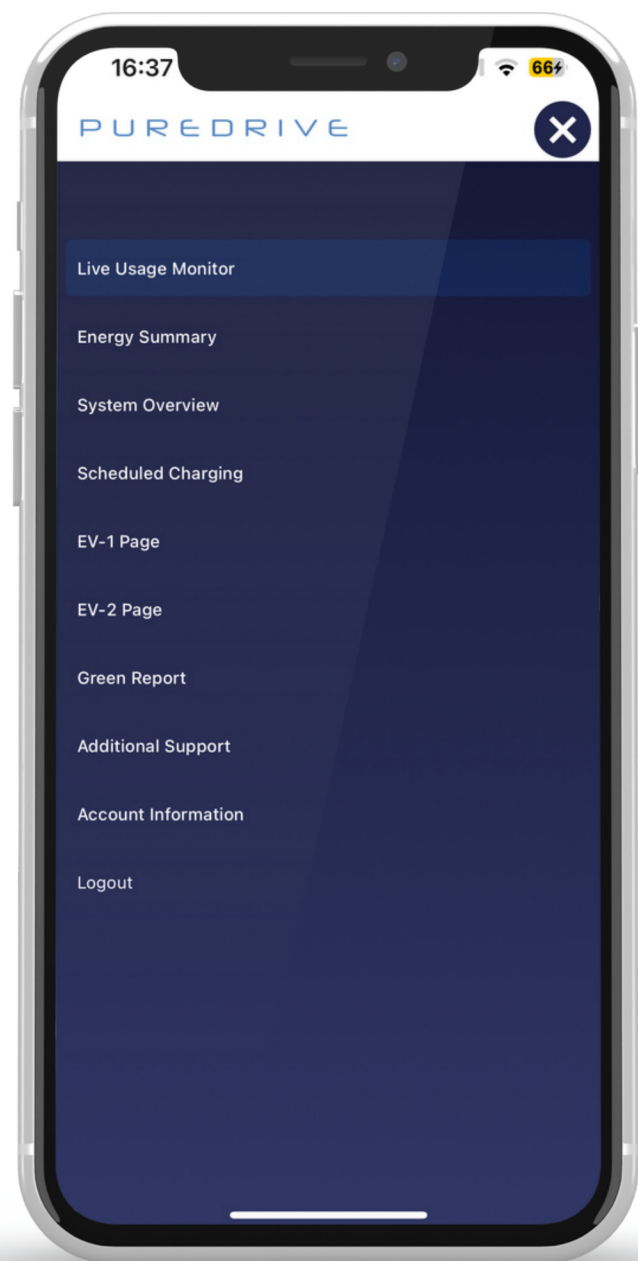


To change charging session mode  
whilst in another mode:

- Deselect current mode(s)
- Select desired new mode(s)
- Press 'Go'

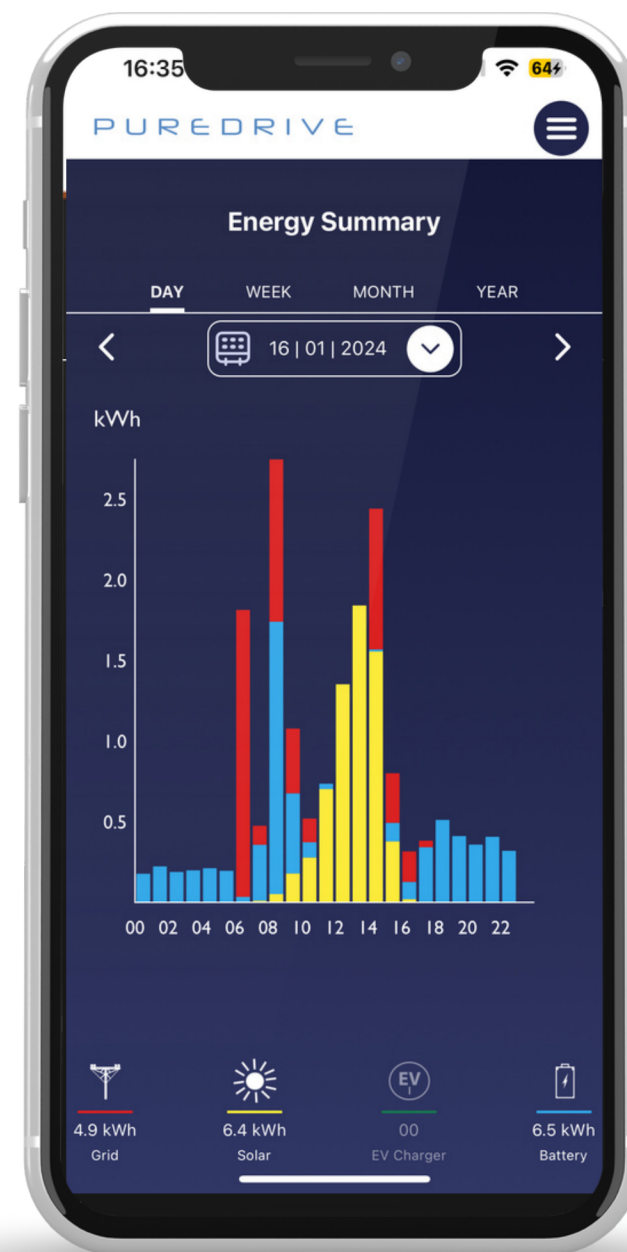
# 3.0 APP Menu

These are the overviews of what each page demonstrates.



- Live Usage Monitor** – This page will give you live monitor of your system - page 1.
- Energy Summary** – This page will give you a historical overview of your consumption - page 4.
- System Overview** – This page will give you a historical system overview - page 5.
- Scheduled Charging**– This page is for setting the scheduled charge events for the batteries - page 5.
- EV-1 Page** – This page is subject to availability provided an EV Charger is installed registered to EV-1.
- EV-2 Page** – This page is subject to availability provided an EV Charger is installed registered to EV-2.
- Green Report** – This page will give you a calculated green report of the previous month.
- Additional Support** – This page will provide the customer additional information on where/who they can contact to opt into Variable rate Tariffs.
- Account Information**– This page will provide Account information of the user.

# 4.0 System Overview

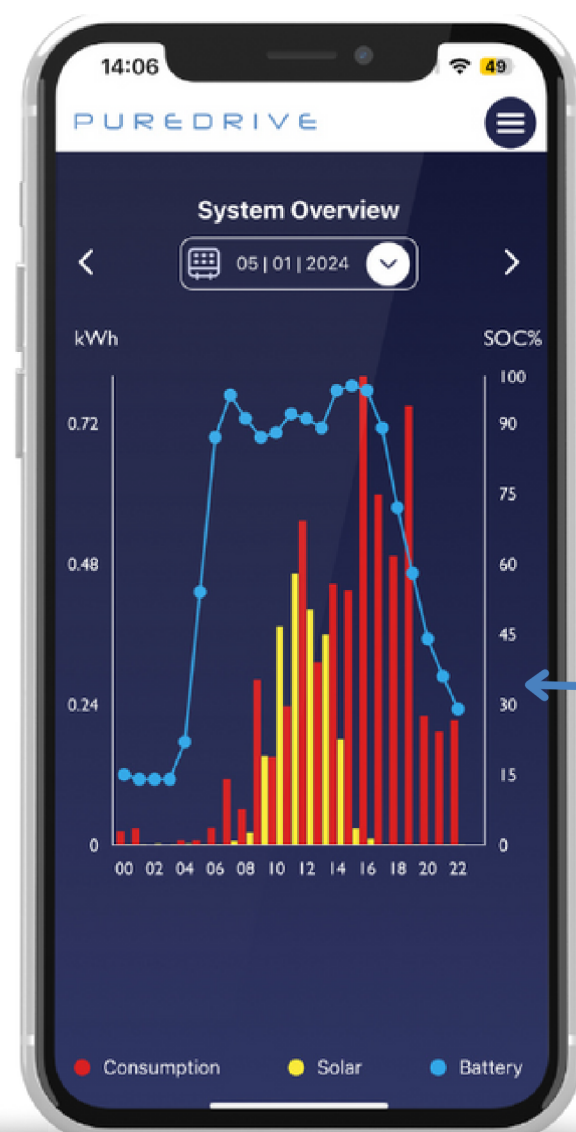
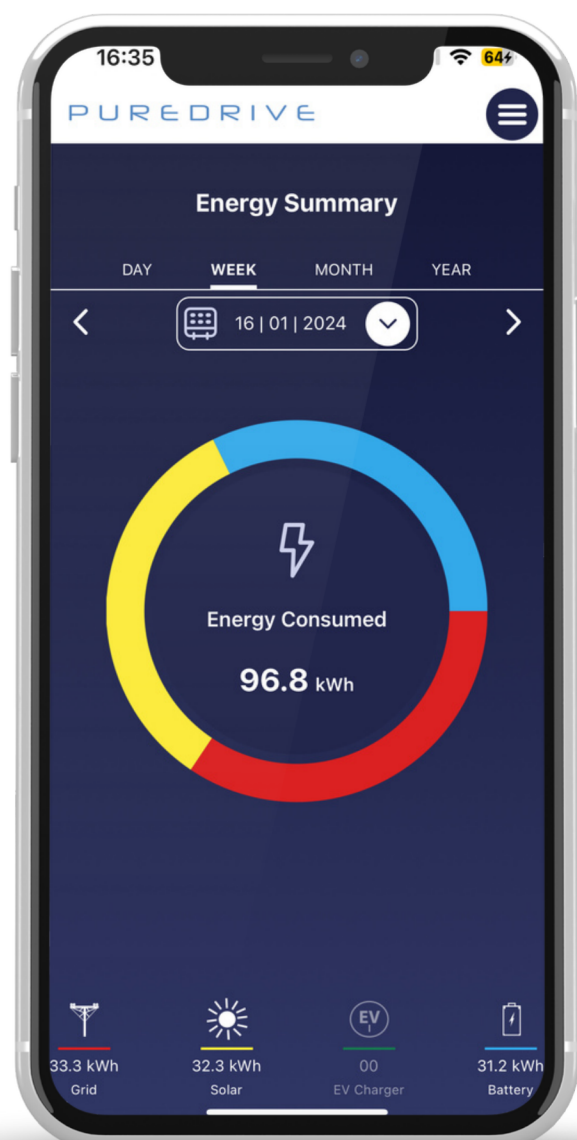


The energy usage is a historic report of your total system energy usage breakdown. This is split up into different colors highlighting the different energy sources.

- Grid
- Solar
- Battery
- EV Charger

You change the dates from which to see your total energy usage breakdown using the yellow dropdown above. Furthermore, using the tabs on the top, you can see the weekly, monthly, and yearly energy usage breakdowns also. An example is shown below.

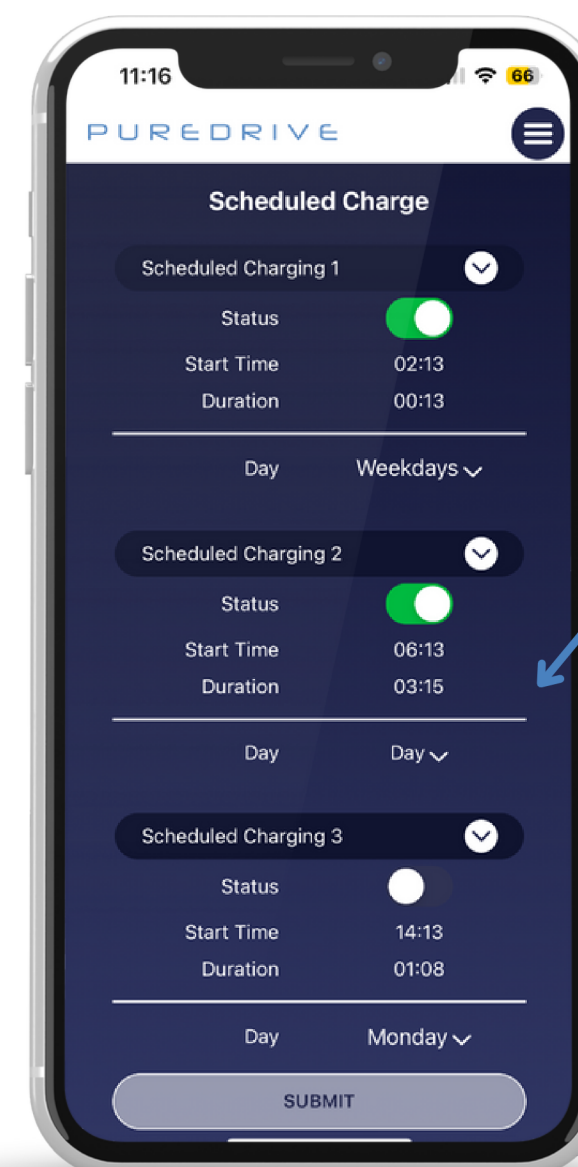
## 4.0 System Overview



While Energy usage page displays the grid consumption, System Overview outlines only the house consumption. There are three different readings in this page:

- The houseconsumption.
- The Solar generation.
- And the SOC of the battery.

You change the dates from which to see your System overview breakdown using the yellow dropdown above.



One Scheduled Charge cycle is divided to 4 sections.

1. **Status:** Turn on/off the Status of one charge cycle.
2. **Start Time:** The Start time of the scheduled charge.
3. **Duration:** How long do you want to charge the battery for.
4. **Day:** Select when you want to charge. i.e, "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday", "Everyday", "Weekday", "Weekend".

Once, selected the appropriate settings, press "Submit" and you should get a successful message.

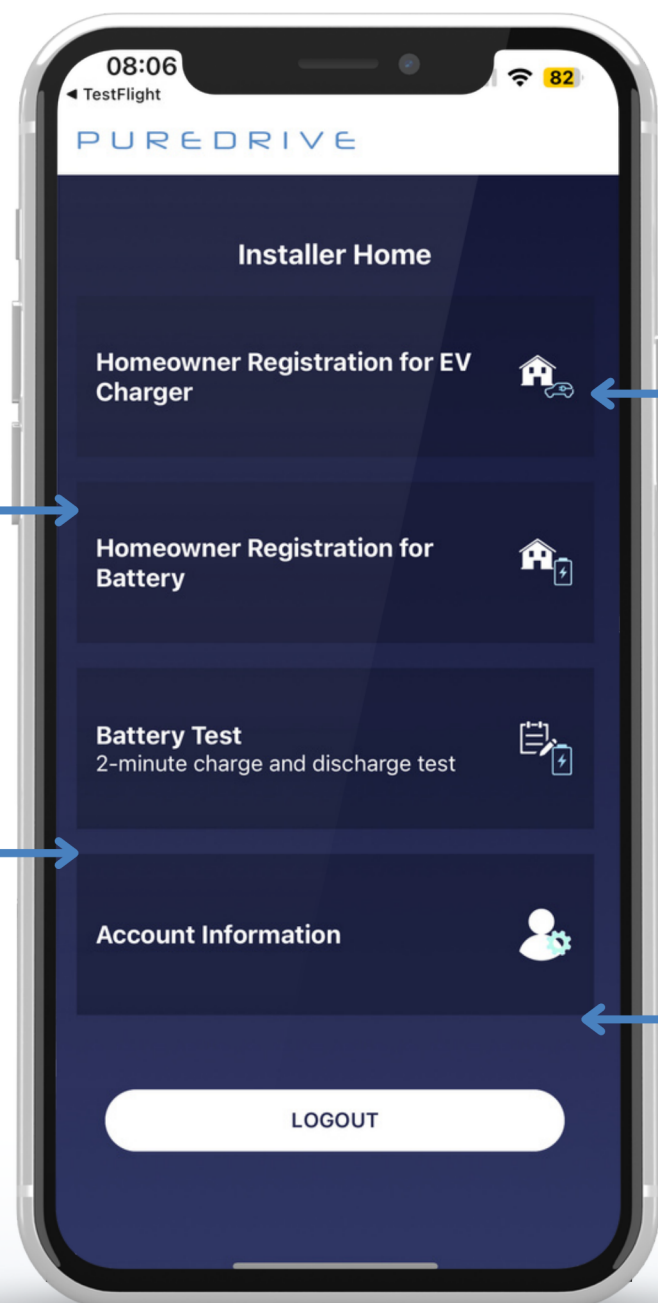
When scheduled charging is enabled Puredrive assumes control of the charge times via control of your inverter (this however, will not reflect on the manual charging schedule on inverter screen).

# 5.0 Installer's Product Page

# 5.1 EV Charger Registration

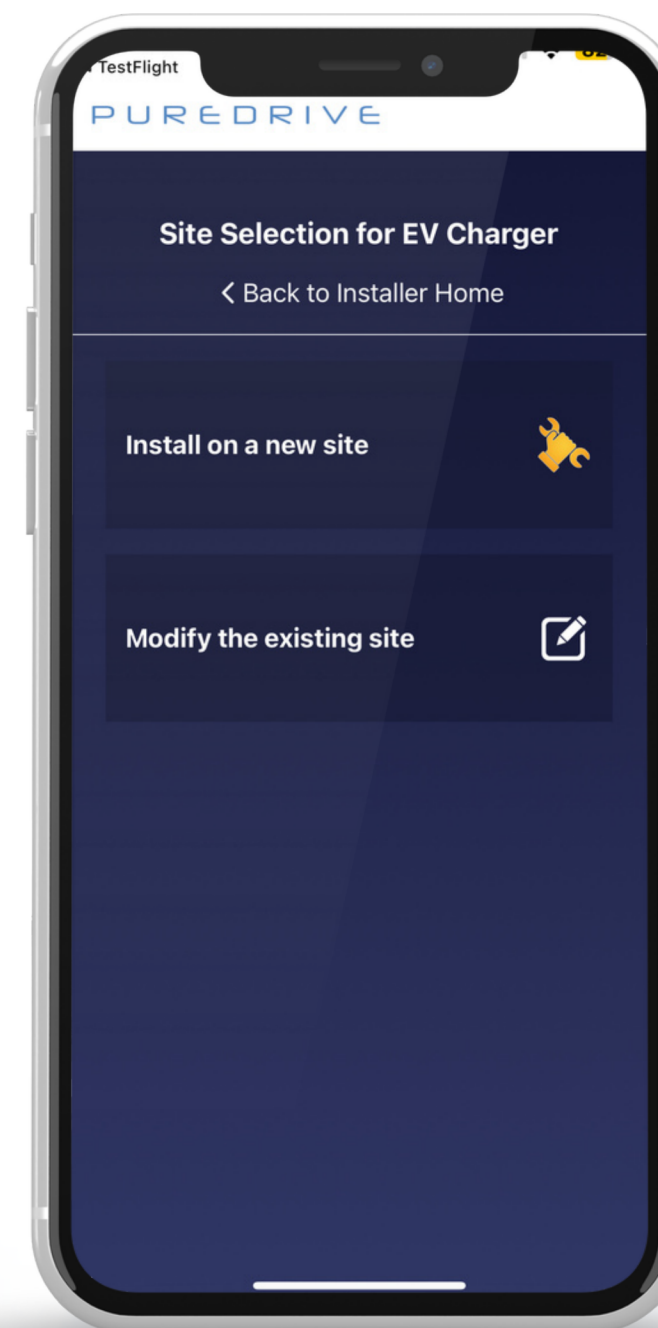
To register a Battery, the installer must select this

To run a two-minute battery test, the installer must select this option.



To register an EV Charger, the installer must select this

This option is for the Installer's account details.



To register an EV Charger to a new user

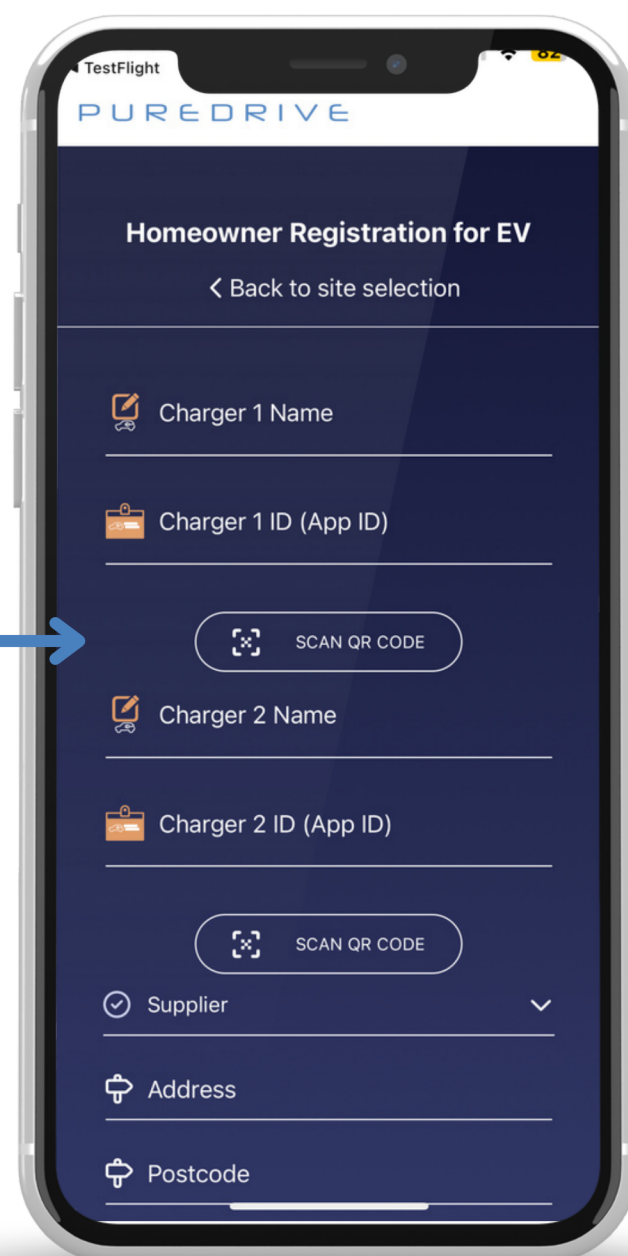
To register an EV Charger to an existing user.



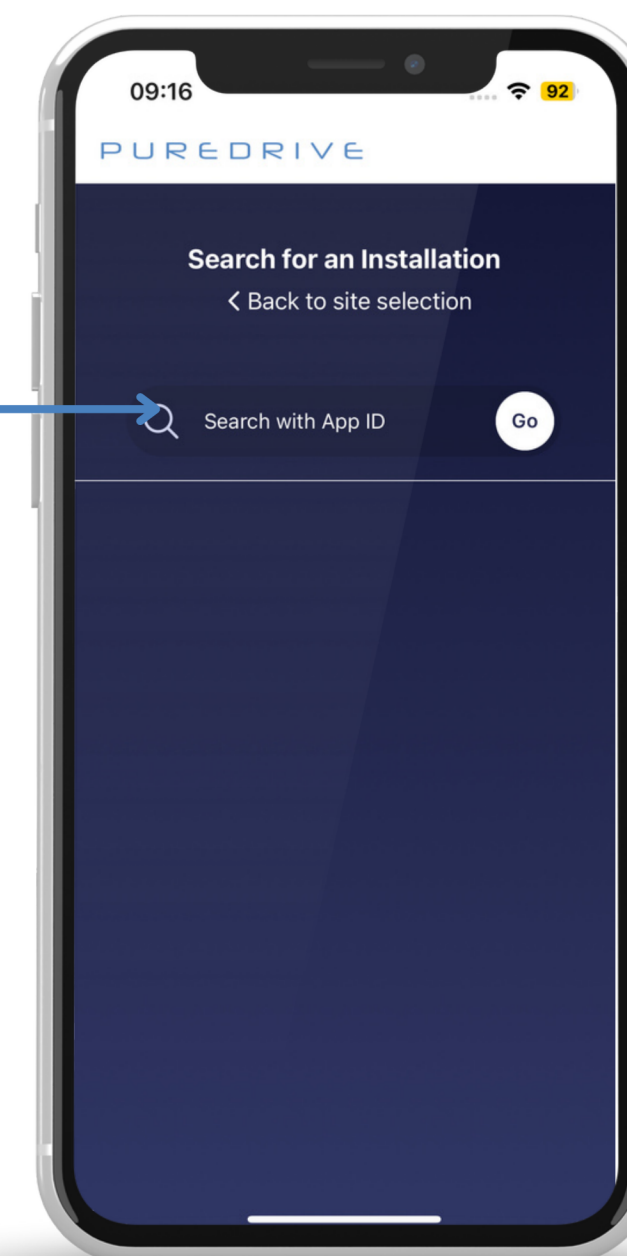
## 5.2 - Install on a New Site

## 5.3 - Modify the Existing Site

Fill the necessary details in the registration page and submit. The homeowner will get temporary login credentials. Using those credentials, the homeowner can place their own passwords and use the app to monitor and control

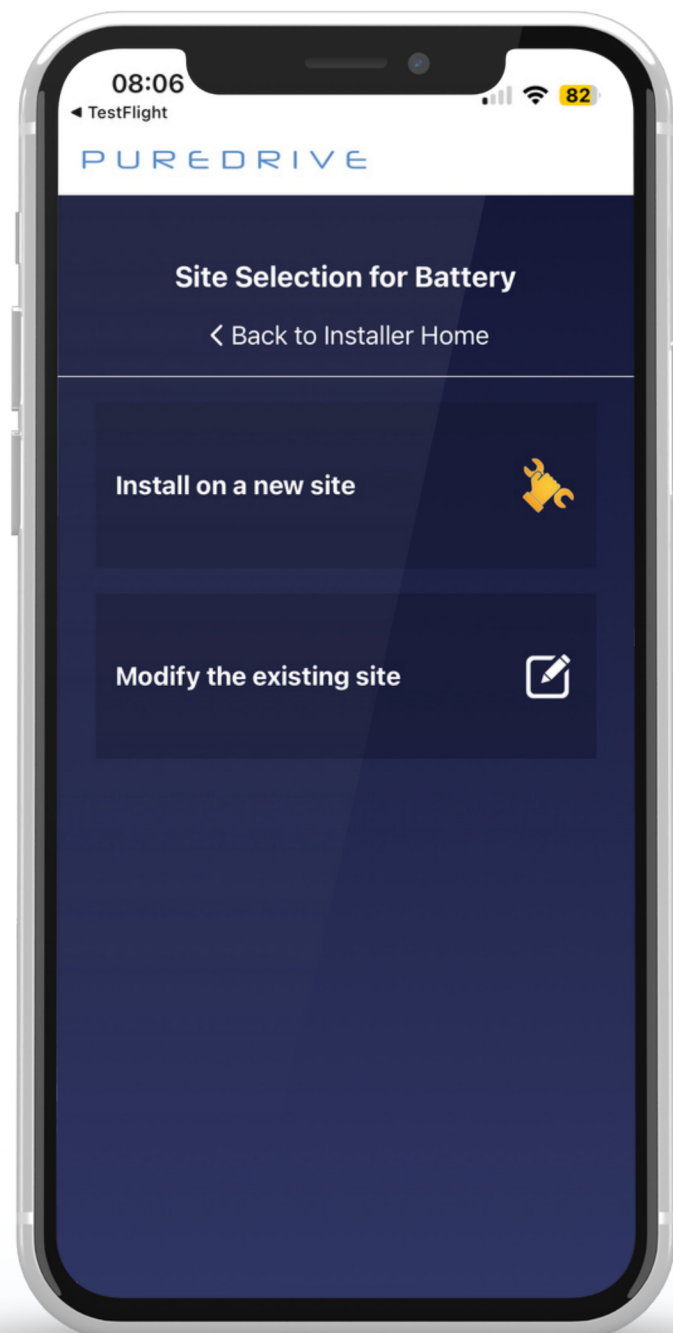


For an existing homeowner, search the Puredrive battery's App ID and the homeowner's name should pop up. Select the customer and fill the necessary details in the registration page and submit. The homeowner will get temporary login credentials. Using those credentials, the homeowner can place their own passwords.



# 6.0 Battery ID Registration

# 6.1 - Install on a New Site

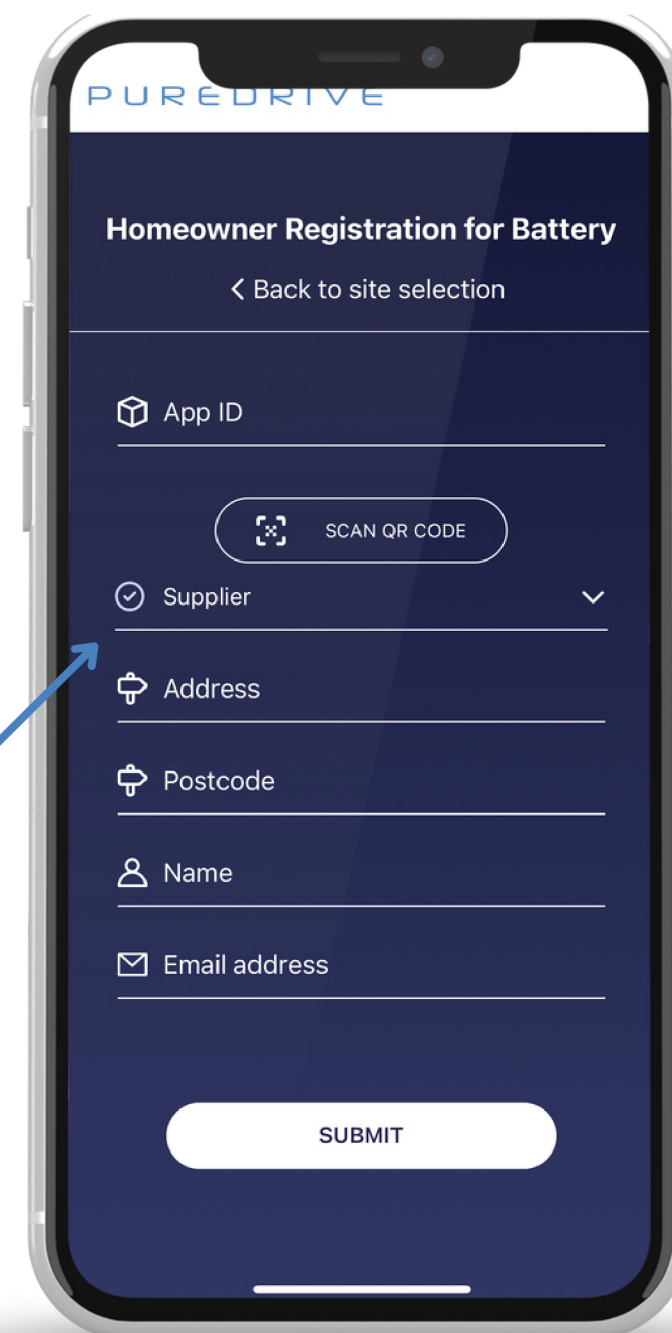


To register a battery to a new user

To register a battery to an existing user.

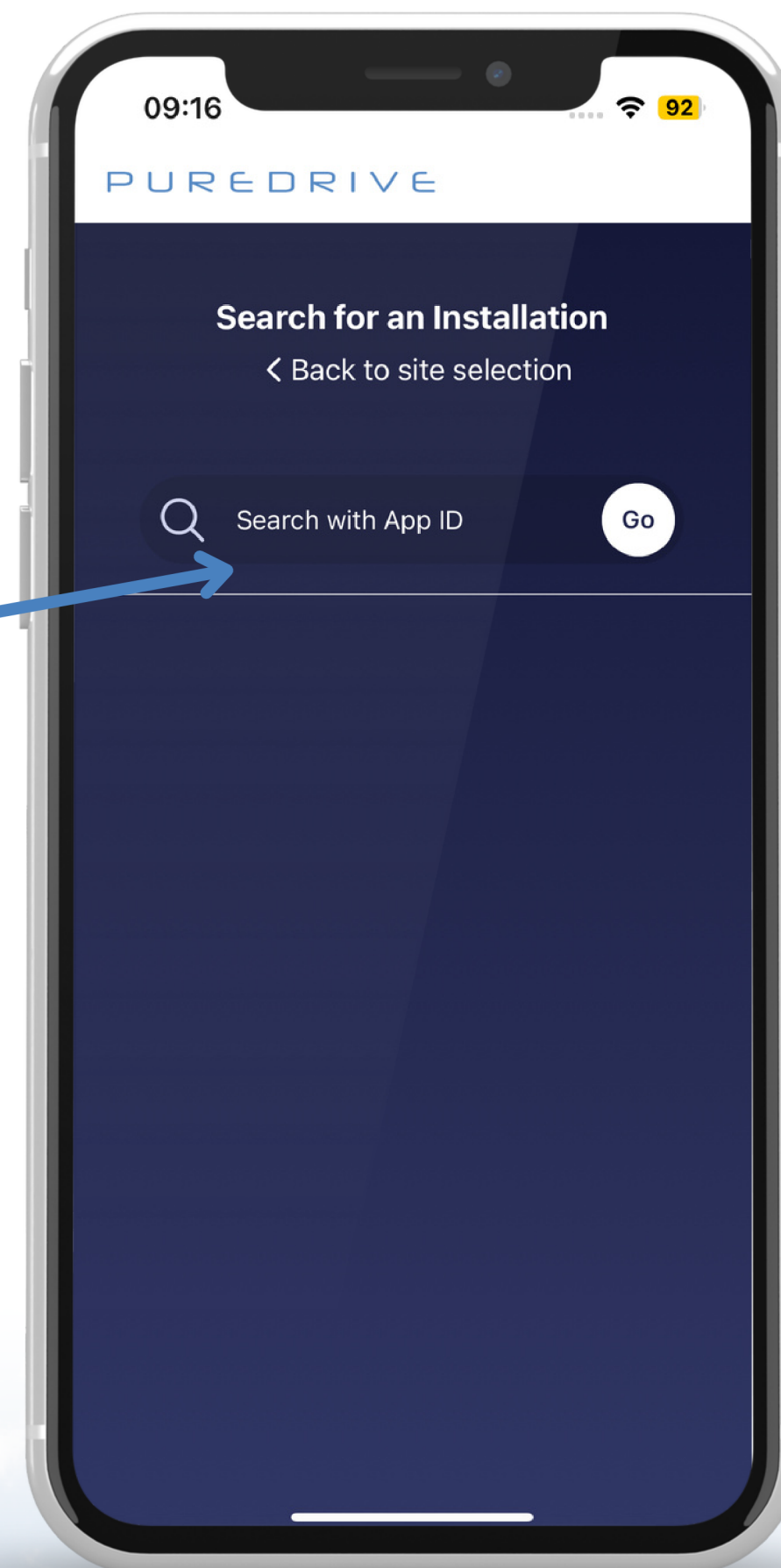
DC Product - enter inverter serial number  
AC Product - enter APP ID

Fill the necessary details in the registration page and submit. The homeowner will get temporary login credentials.  
Using those credentials, the homeowner can place their own passwords and use the app to monitor and control



## 6.2 - Modify the Existing Site

For an existing homeowner, search the Puredrive battery's App ID and the homeowner's name should pop up. Select the customer and fill the necessary details in the registration page and submit. The homeowner will get temporary login credentials. Using those credentials, the homeowner can place their own passwords



Puredrive Energy Ltd x Solis  
**Solis APP Setup**

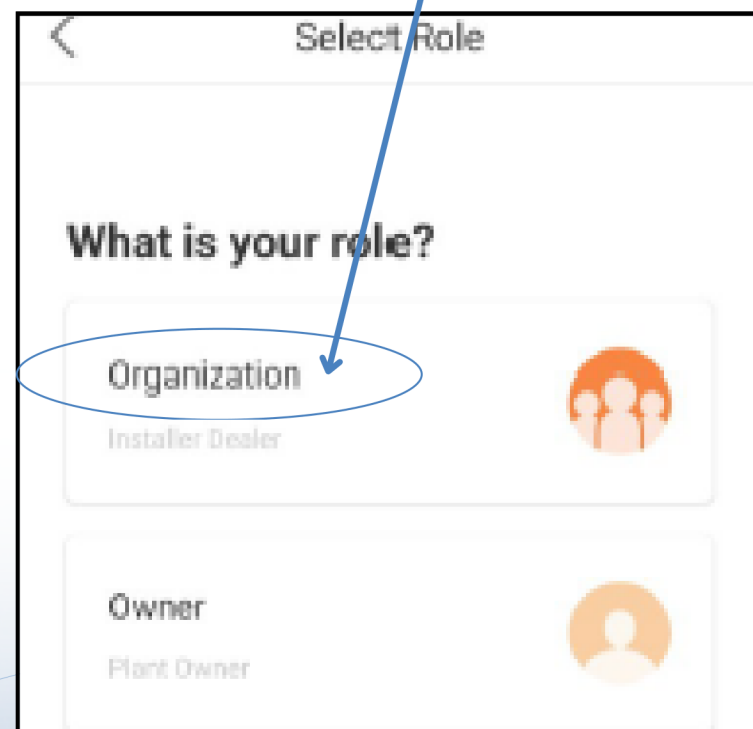
## Solis Cloud

### Create an organisation account:

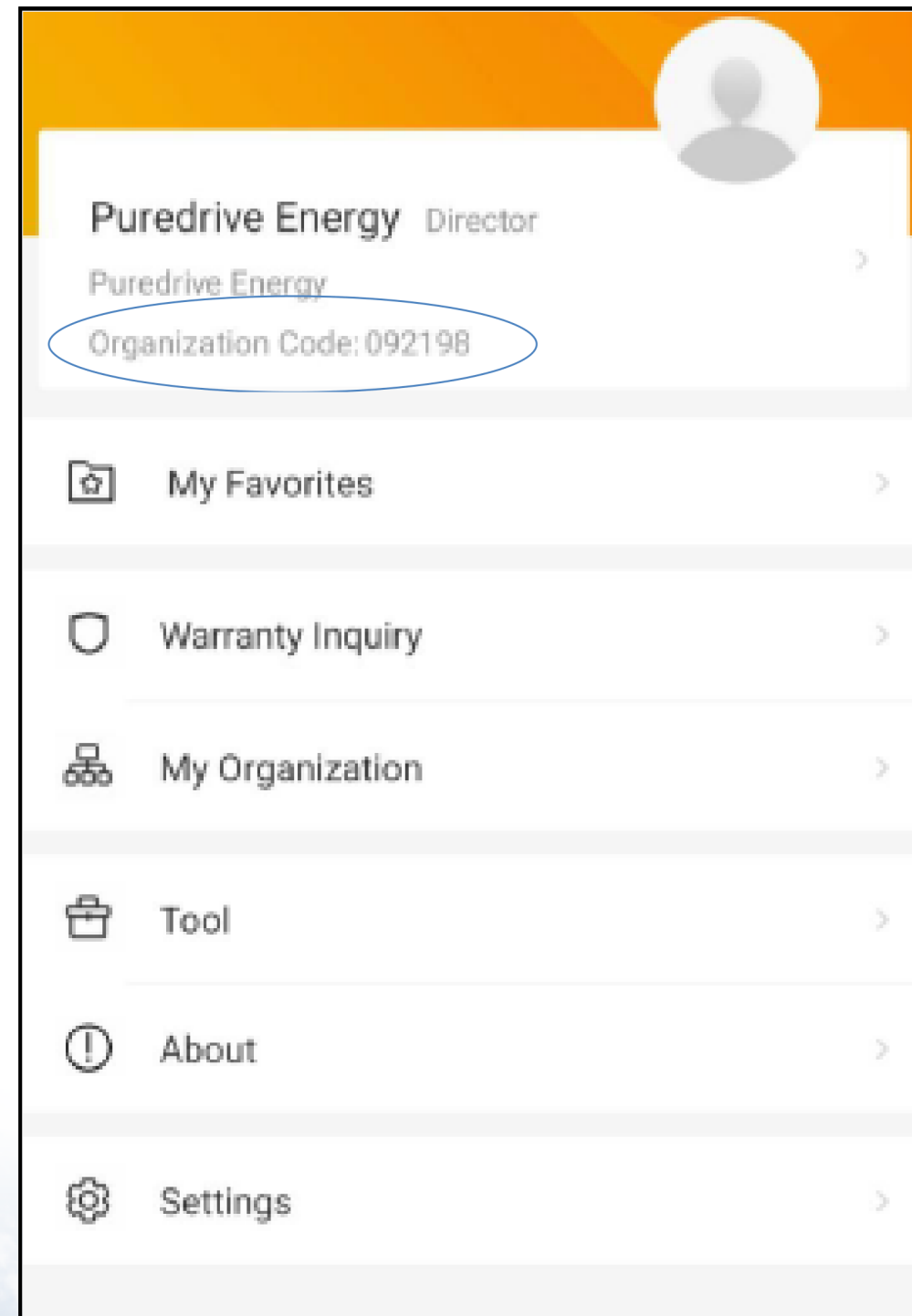
Ensure you have created an organisation account on the Solis Cloud to manage your installs. Once you have done this, you can find your organisation code on the “Me” page. (Picture A)

When setting up the Solis Cloud for your customer, add your own organisation code to the account. (Picture B)

A.



B.



## Setting up the homeowner:

- Refer to Solis Cloud Operation Manual-UserV1.0
- Page 6, 3.1. Register the account for the homeowner
- Page 8, 3.2. Log into the user account and verify email address
- Page 10 3.4. Add Plant

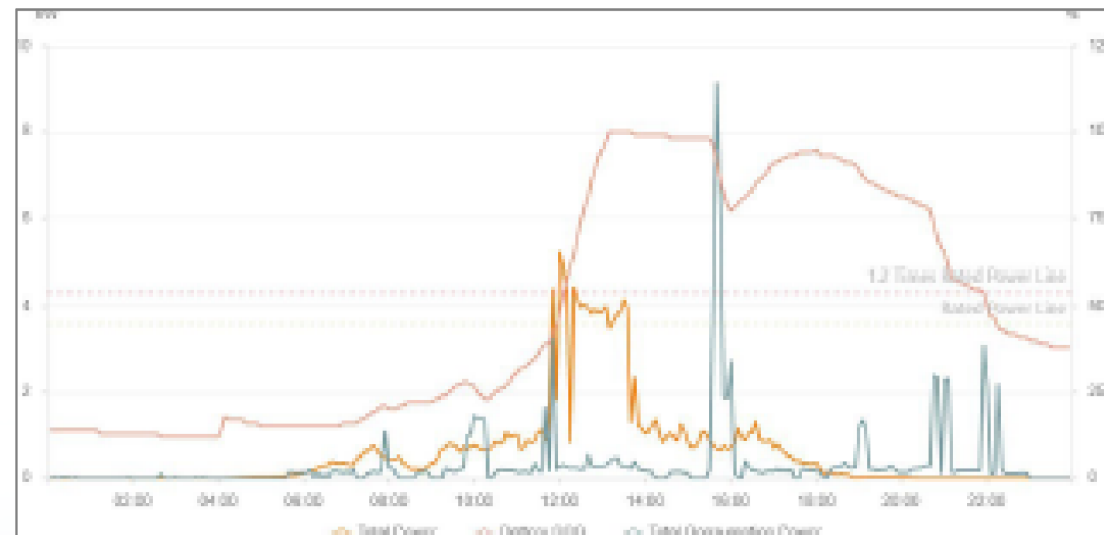
# Solis Set Up

# Solis Cloud

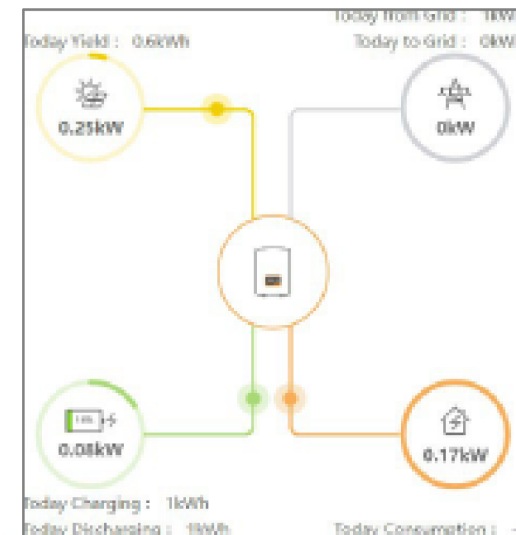
## Solis Cloud:

The Solis cloud allows you the homeowner to monitor the performance of their system and allows the installer to manage all their installs

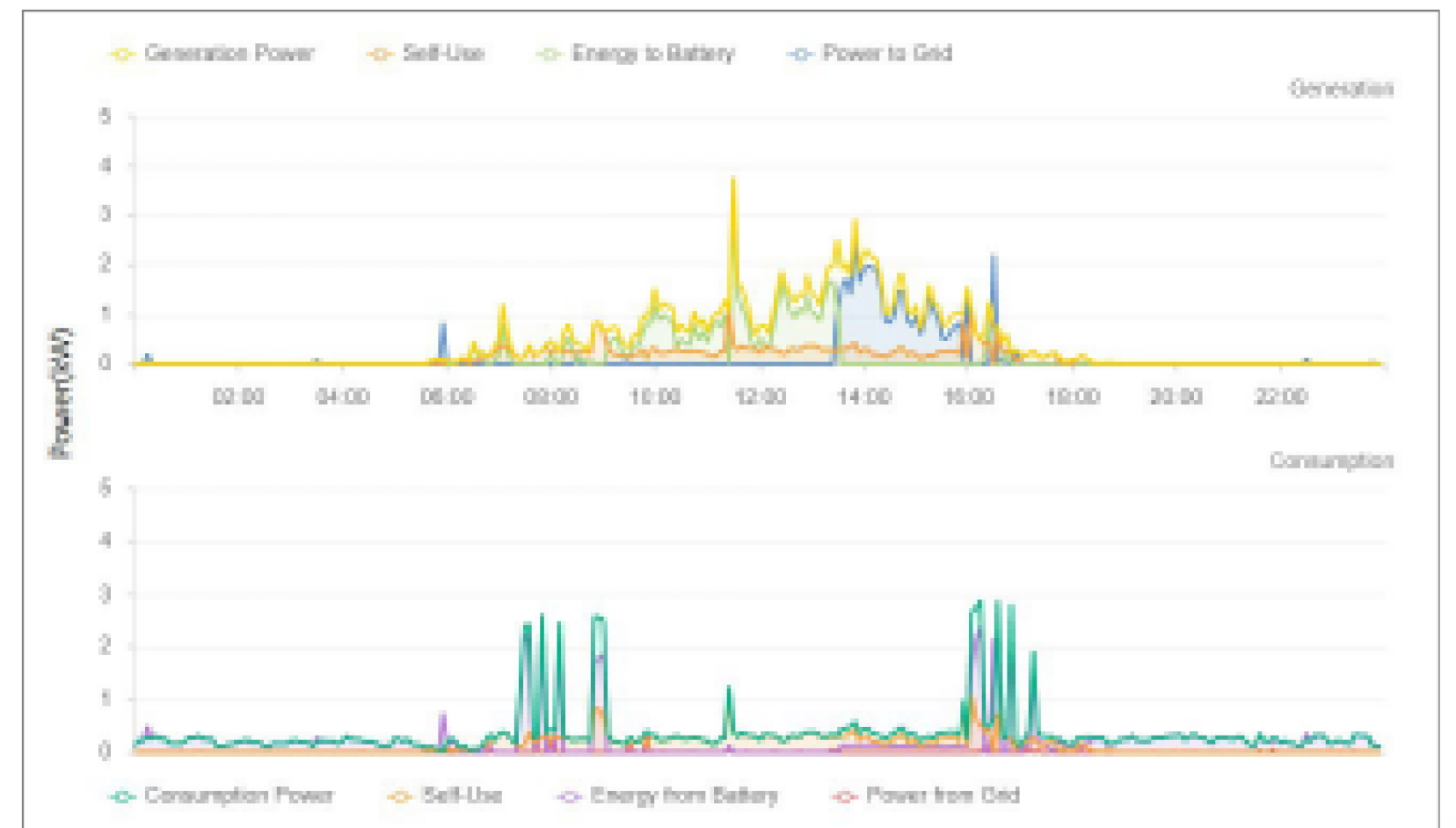
## Inverter Diagram



## Live Usage Monitor



## Energy Balance

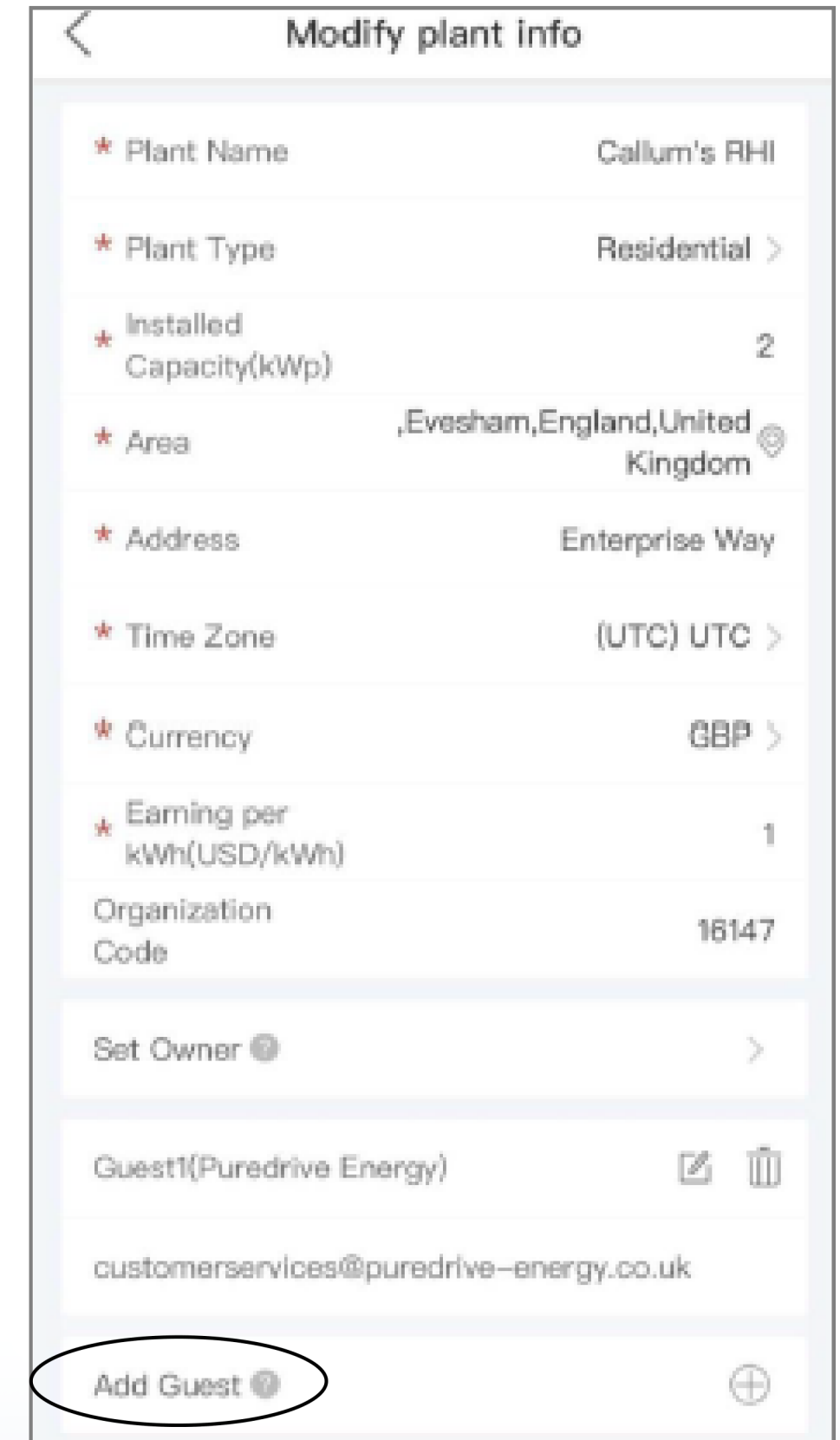
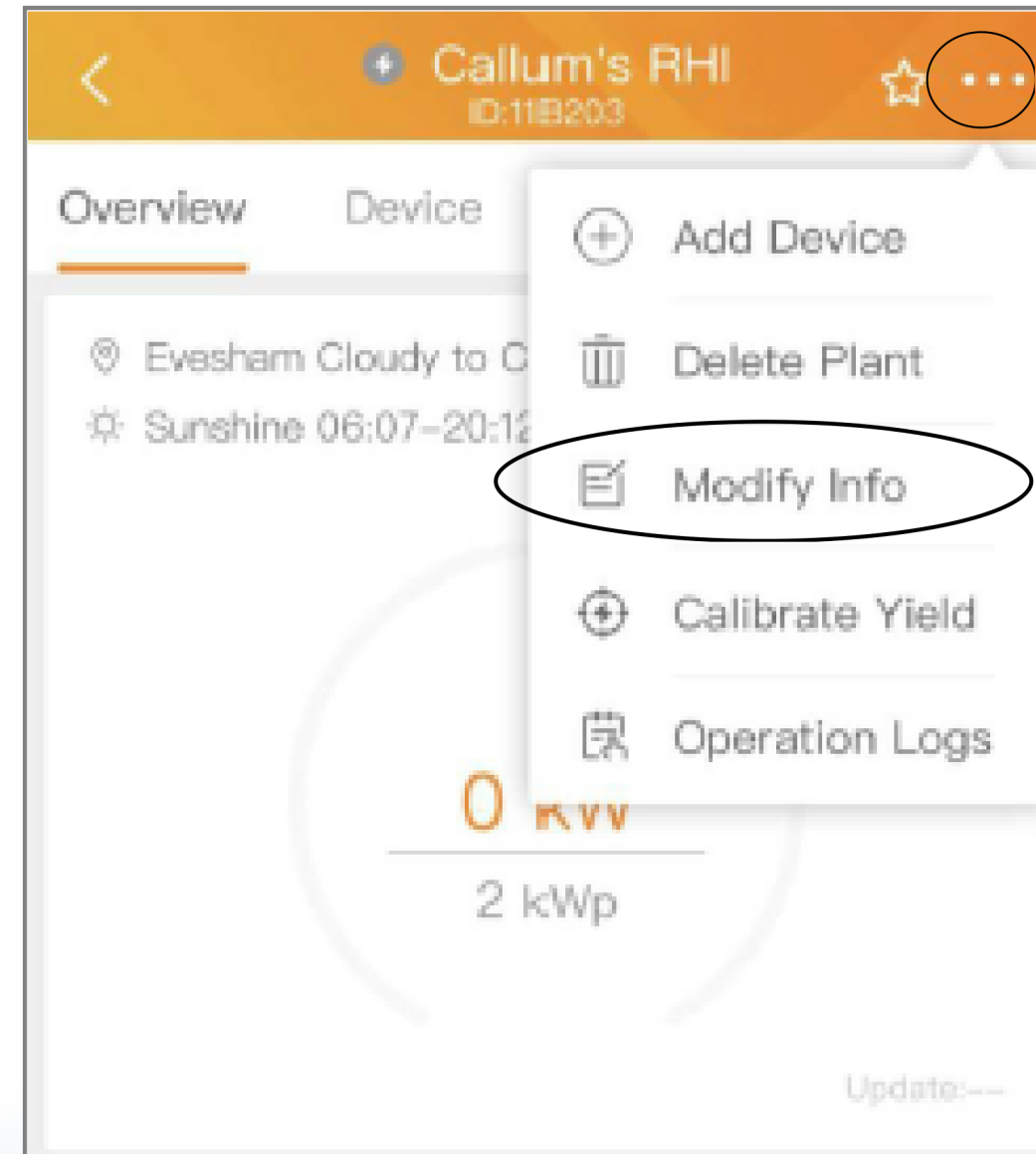


# Solis Set Up

## Adding Puredrive Energy as Guest

Add Puredrive Energy as a guest:

Adding Puredrive Energy as a guest on the Solis Cloud allows Energy to view the system meaning we can help on commission and support if necessary



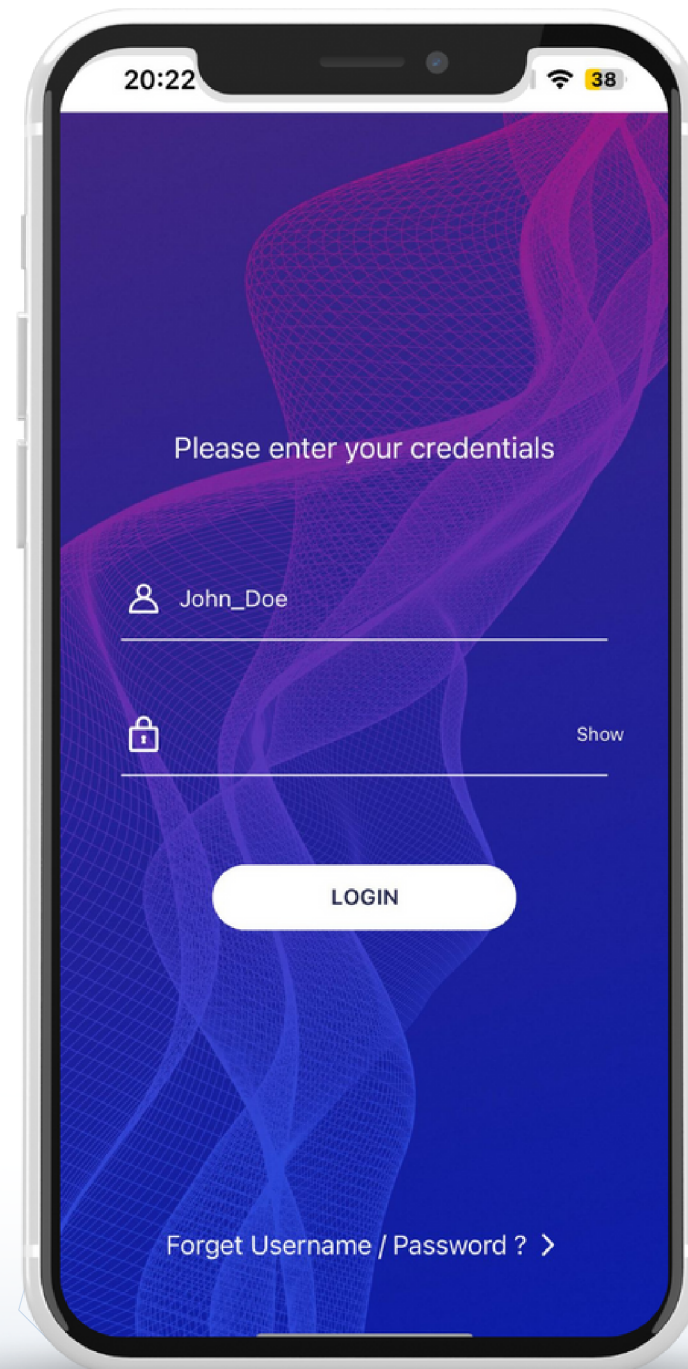
Puredrive Energy Ltd

# AC System Set Up



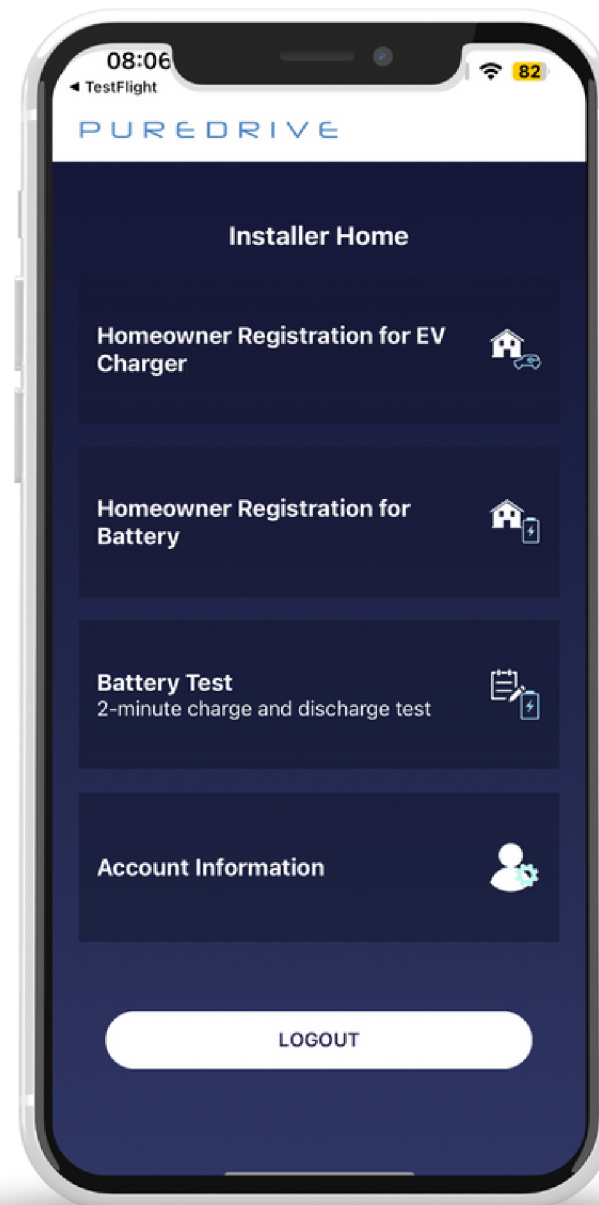
# Installer Log in & Registration

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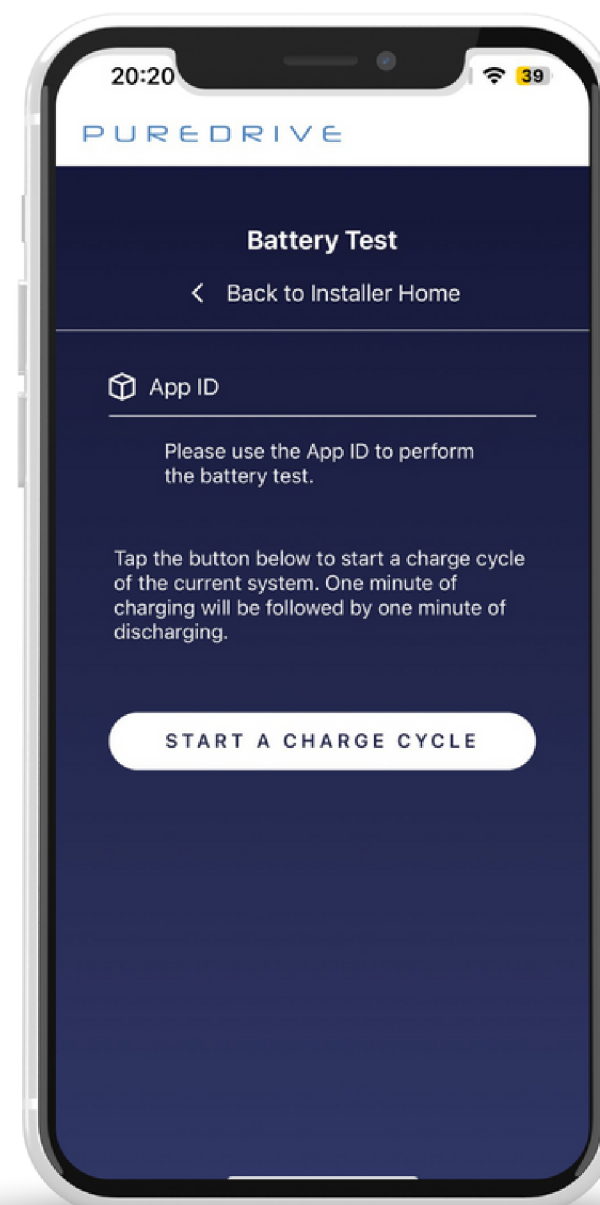


- Download the Puredrive App from the App store
- Enter installer Username and Password as shown
- If installer does not have Username & Password then contact Puredrive

# Installer Installation Test



Select battery test



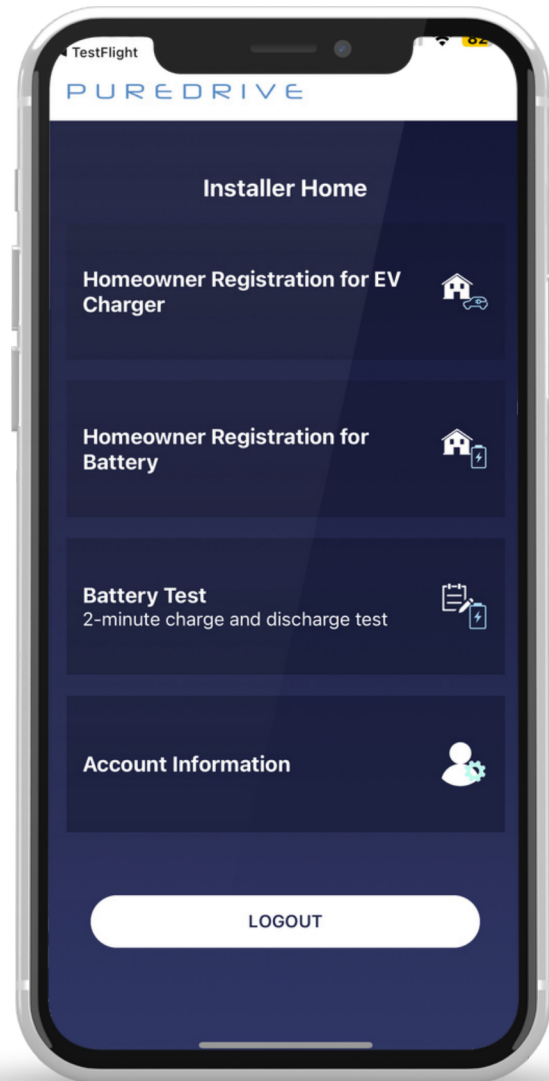
Enter ID's (found on enclosure by termination plate)  
Tap the 'Start a charge cycle'  
Cycle lasts for 2 mins



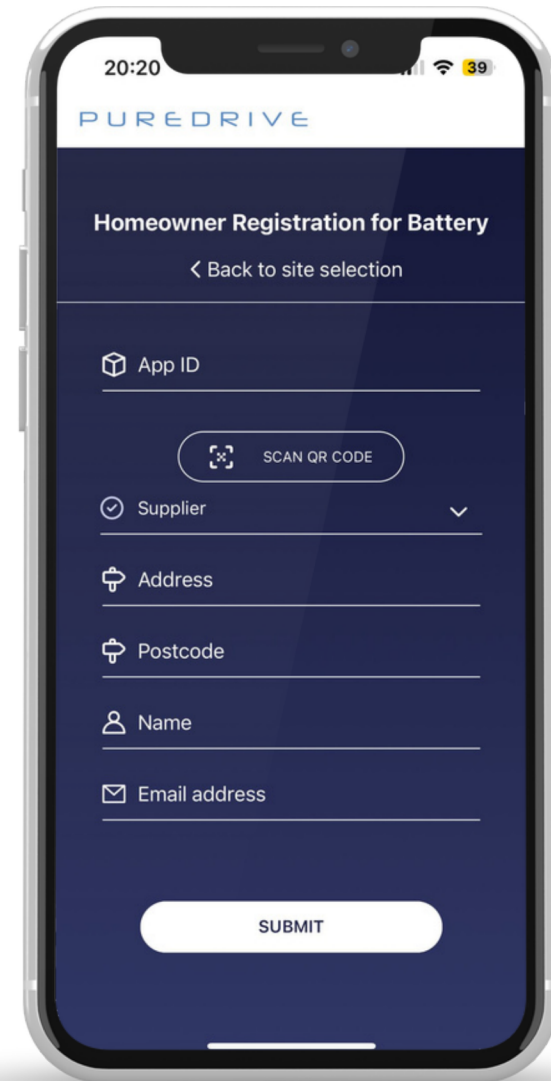
Check live usage monitor page



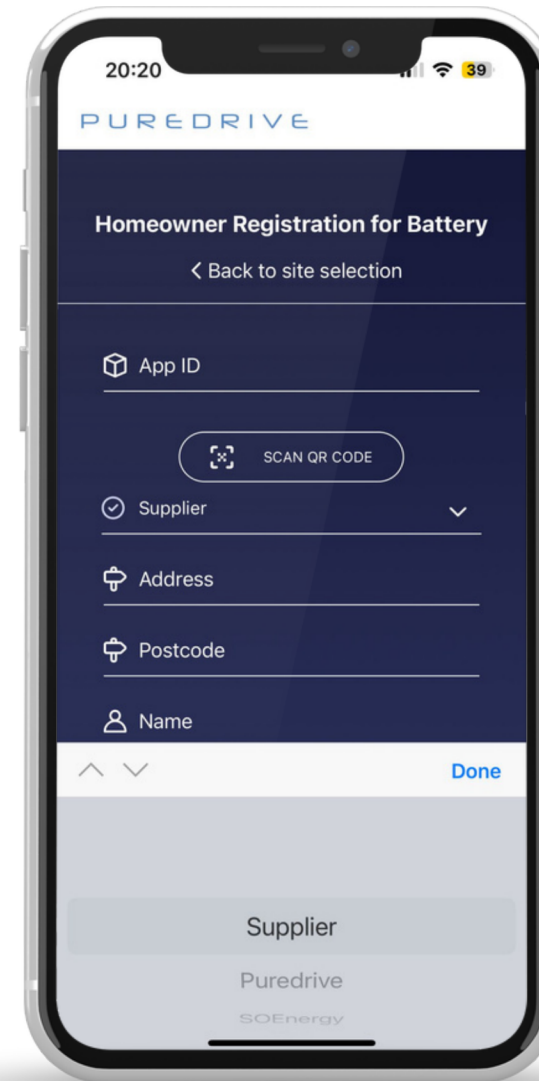
This icon will take you to the menu screen



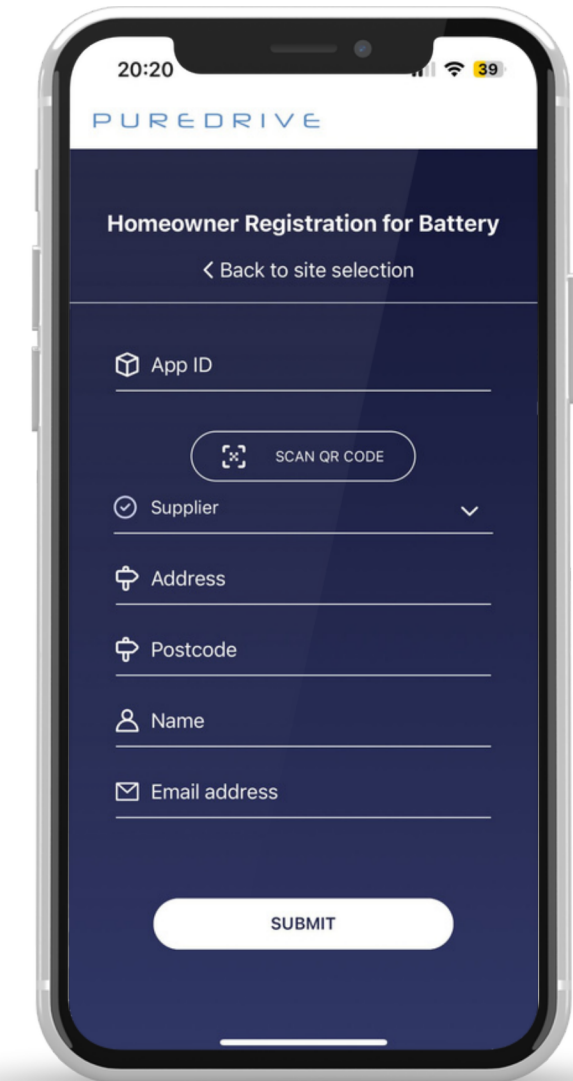
1. Select homeowner registration from options



2. Click 'SCAN QR CODE' and hold your camera over the QR code where you find the NB or PD number. This will populate the first 3 fields



3. Select supplier (So Energy or Puredrive)

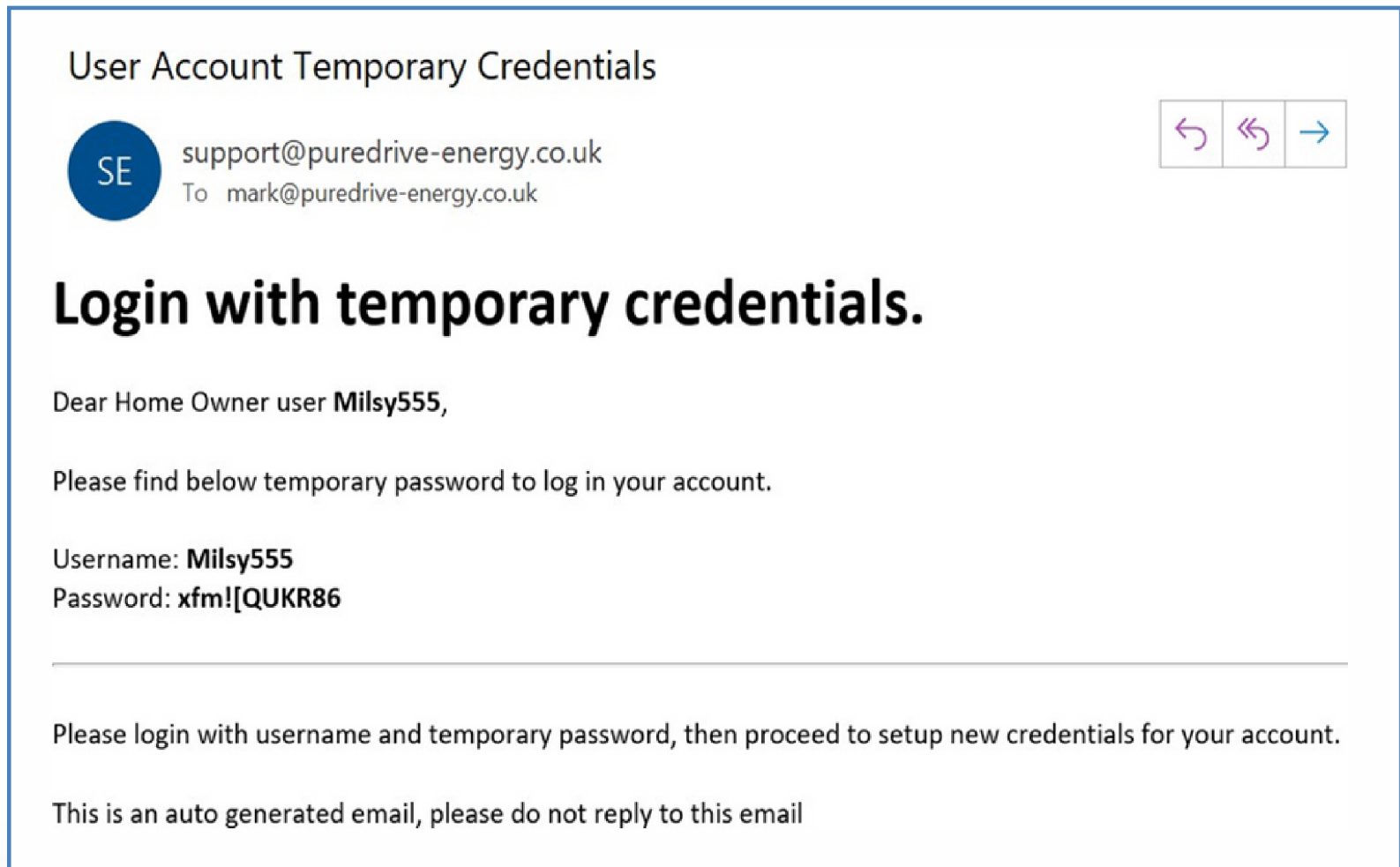


4. This will send an automated email with temporary login credentials to the homeowner

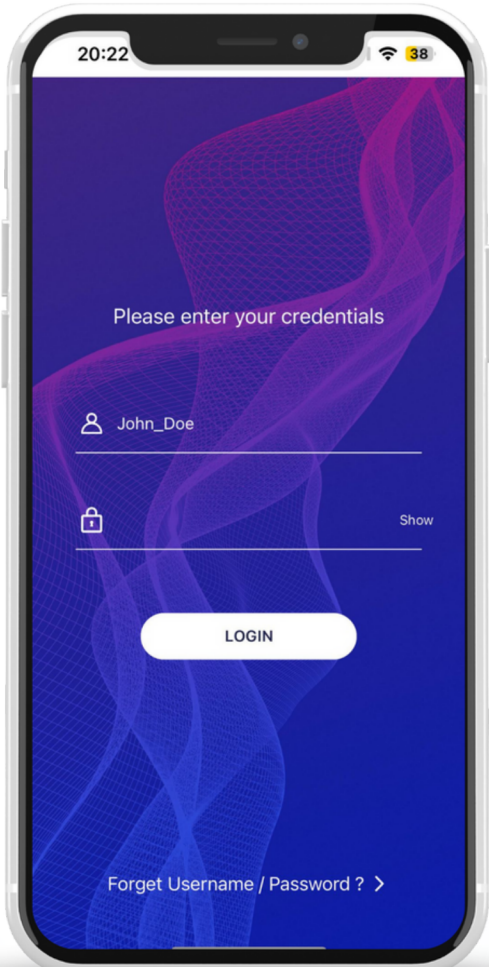
# Register the Homeowner Continued...

Homeowner receives an automated email

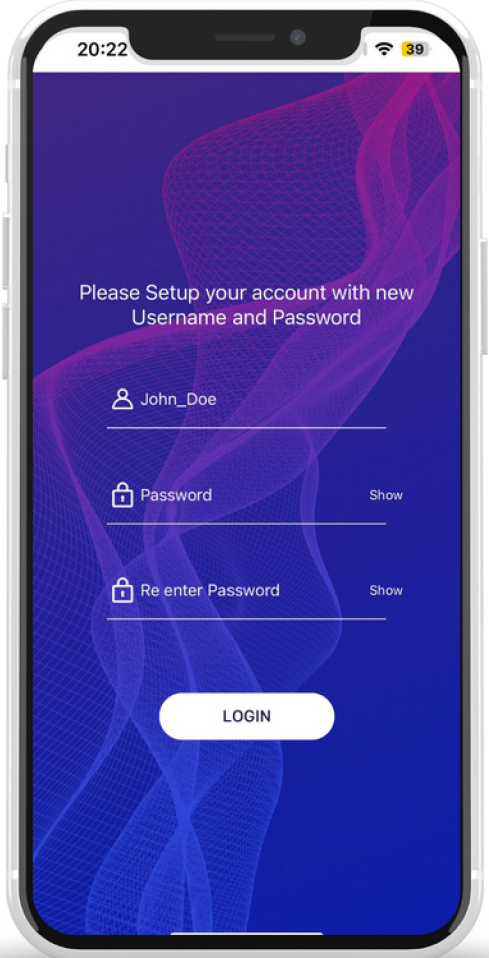
Go to the main login page and enter temporary username and password



Homeowner enter temporary username and password



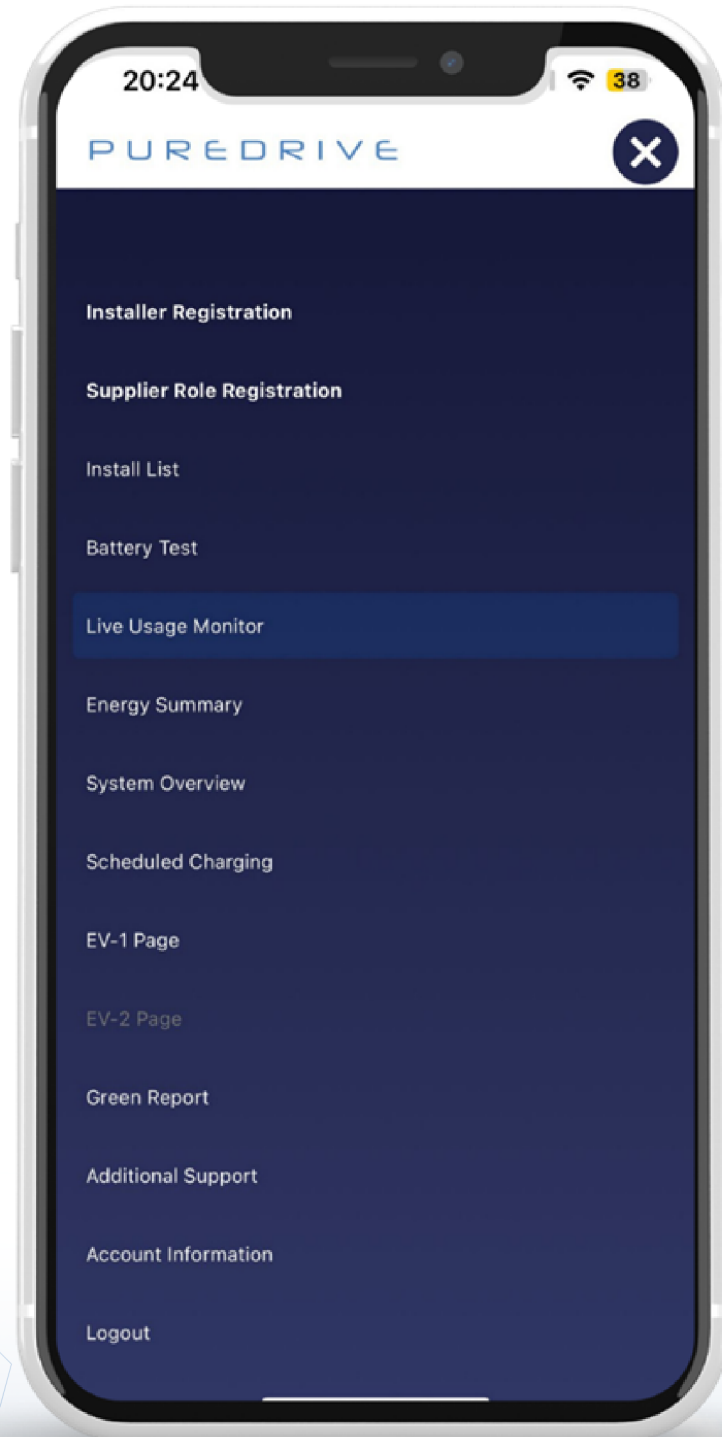
Homeowner chooses own password



You are now on your live usage page



# Installer Presents APP Pages to Customer



- Energy Summary
- System Overview

- PV Export Earnings

- Variable Tariff Earnings

- Grid Services Earnings

- Green Report

- Settings

- Logout

- Charts

- Data to be entered by energy supplier if appropriate

- Data on previous month
- Battery– Future diagnostics
- Tariff– Data entered by energy supplier if appropriate
- Email to request interest in grid services and variable tariffs
- Logout

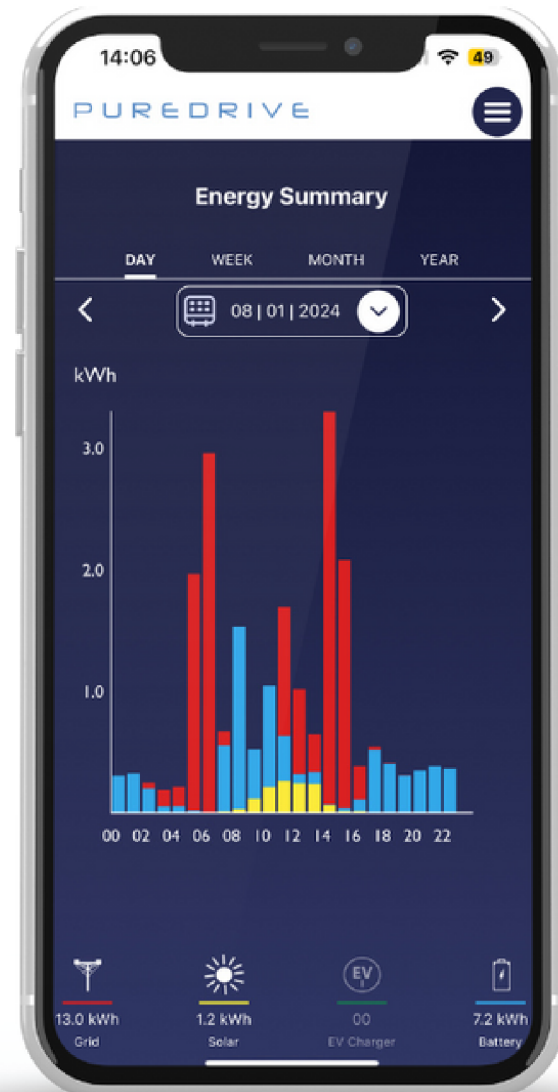
## Key App Pages

Live Usage Page



Live usage monitors automatically appears upon login

Energy Summary (day)



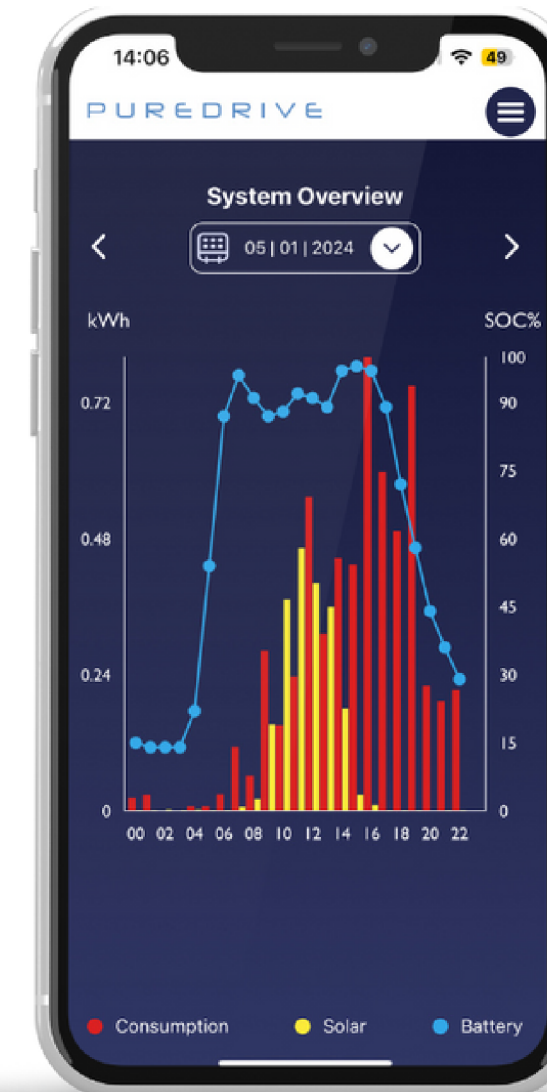
'Energy Summary' Can select a date with calendar

Energy Usage (day/month/year)



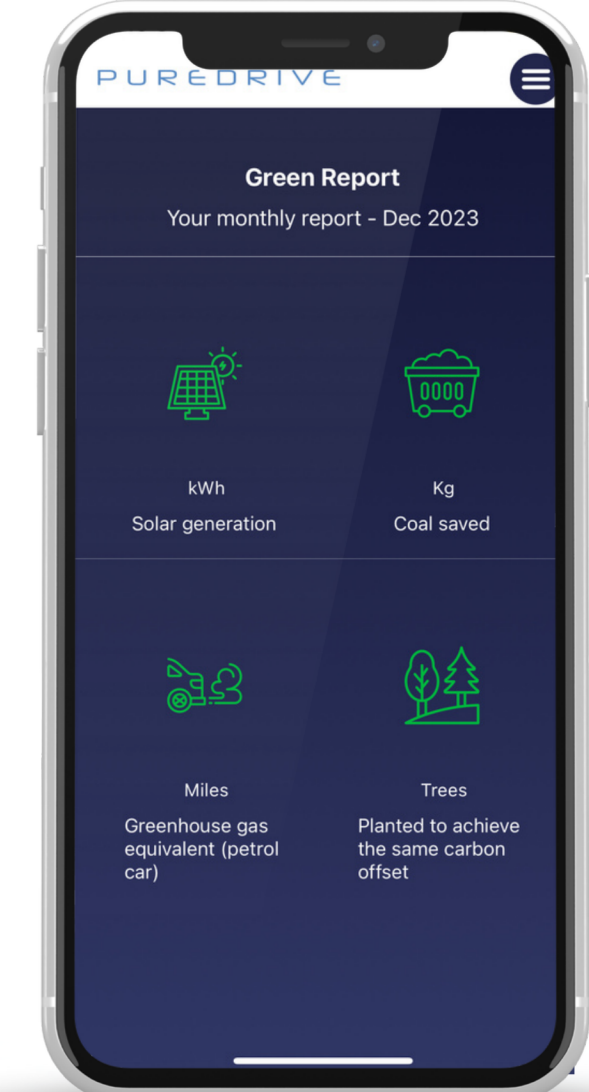
'Energy Usage' Can compare weekly, monthly and yearly usage

System Overview (day)



'System Overview' Can select a date with calendar

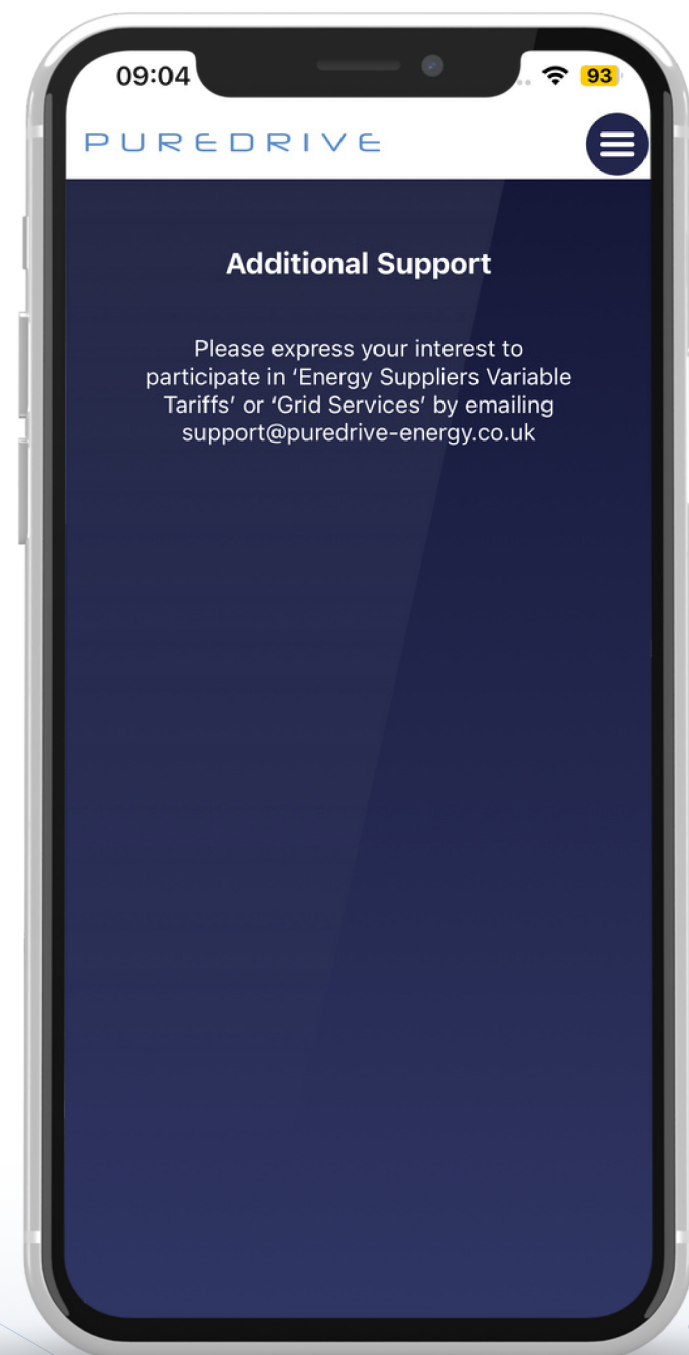
Green Report



Green Report - data from previous month

# Settings

Go to 'settings' page to express your interest in grid services and variable tariffs



Earn additional savings with our VPP through grid services and operating energy supplier variable rate tariffs. A variable rate tariff is one where the price of your energy changes depending on the time of day, such as Economy 7 and Octopus variable tariff packages (Agile and Go).

We use smart AI and machine learning to understand your consumption habits. This allows us to automate and optimise additional charge to your battery when energy is cheap to reduce your bill further. We are energy supplier agnostic meaning we optimise your system to save you the most money possible rather than to benefit of your supplier.

Once you have identified your desired tariff, and you have made the switch, please inform us and we can get your system integrated.

We are currently experiencing significant savings on systems paired with Octopus tariffs but keep an eye out for new variable rate tariffs entering the market.

Visit Our Website:



Download the APP

