App
User Guide

VERSION 1.0

GivEnergy®
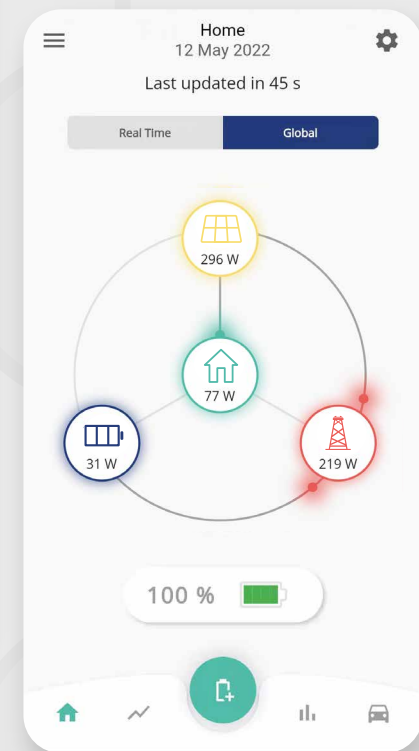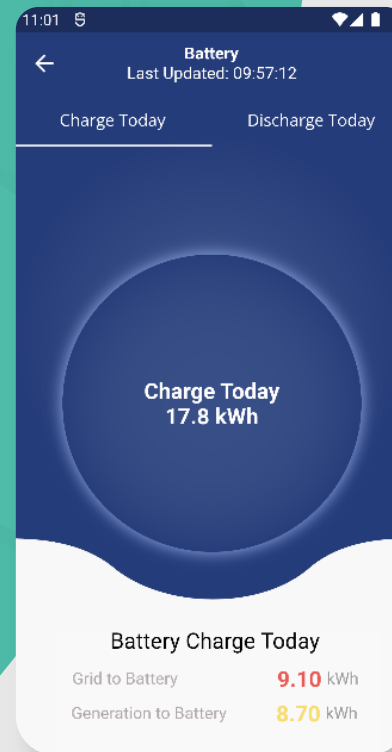
1. Menu
Account and preferences

2. Settings
Your battery settings

3. Home
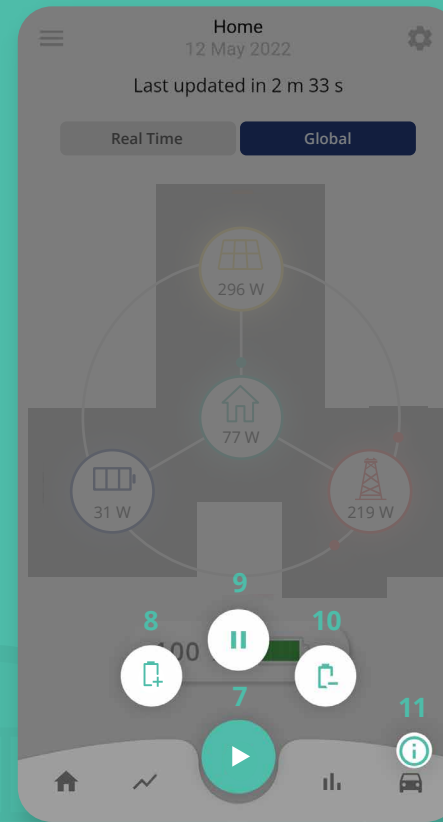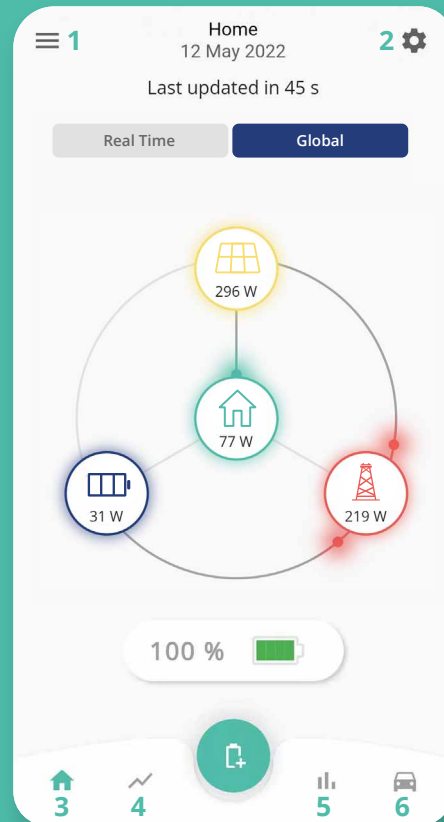Return to home screen

4. Power Graph
Power overview

5. Energy Graph
Energy overview

6. EV Charger
EV charger overview and settings

7. Play
Resumes battery normal function

8. Battery Charge
Force charges the battery at full power

9. Battery Pause
Force the battery to pause

10. Battery Discharge
Force discharge the battery at full power

11. Information
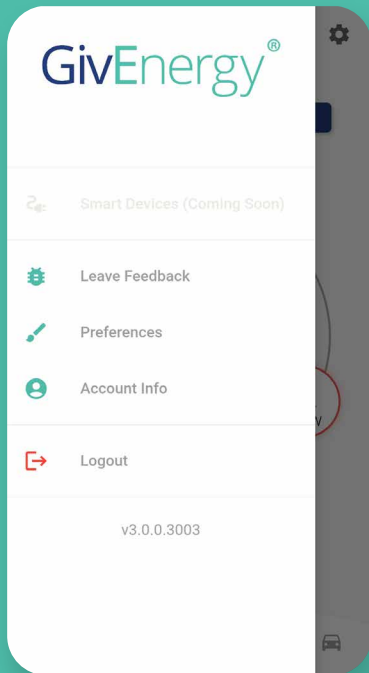Your in-app reminder of button features

Home
12 May 2022
Last updated in 45 s

Real Time   Global

296 W

77 W

31 W   219 W

100 %

Home
12 May 2022
Last updated in 2 m 33 s

Real Time   Global

296 W

77 W

31 W   219 W

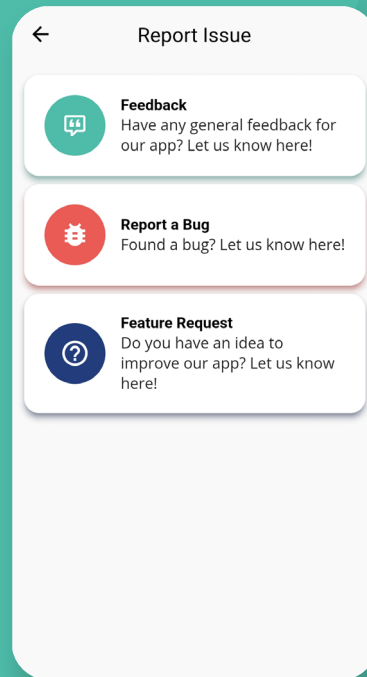GivEnergy®

General Menu

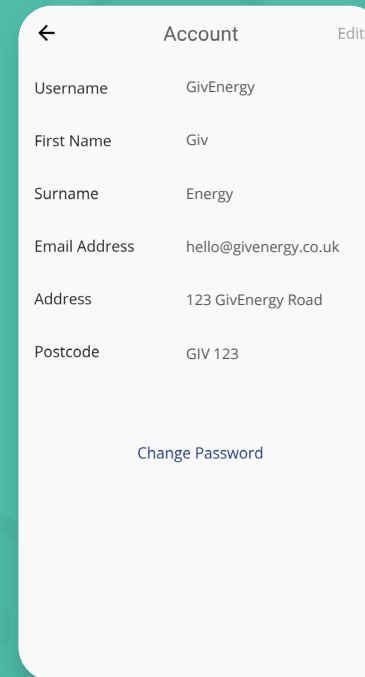## Menu Overview

Account settings and preferences

Feedback

Leave feedback, report an issue, or suggest a new feature

Account

View and edit your account details and password

Preferences

Switch between watts and kilowatts. Allowing auto discovery for local connection or allowing IP address to be added

---

GivEnergy®

Smart Devices (Coming Soon)

Leave Feedback

Preferences

Account Info

Logout

v3.0.0.3003

← Report Issue

Feedback
Have any general feedback for our app? Let us know here!

Report a Bug
Found a bug? Let us know here!

Feature Request
Do you have an idea to improve our app? Let us know here!

← Account   Edit

Username   GivEnergy

First Name   Giv

Surname   Energy

Email Address   hello@givenergy.co.uk

Address   123 GivEnergy Road

Postcode   GIV 123

Change Password

← Preferences

Preferred Power Unit   W

Local Data Toggle   Auto

GivEnergy®

ALTER YOUR PREFERENCES
Battery Settings

Manual and Automatic
Choose between manual and automatic settings (automatic coming soon)

Charge Mode
Select between
⊞ **Solar** or ⊞⚡ **Solar + Grid**

Start/End Time
Choose when to charge the battery from the grid

Toggle System Modes

1. Select ≡ from the Home Dashboard

2. Select **'Settings'**

3. Select **'Preferences'**

4. Toggle **'Quick Settings Button'** to ON

5. The ⚙ Settings button should now appear at the top right corner of the Home Dashboard

Charge Up To
Choose how much to charge the battery up to

Charge Power
Choose the rate of power to charge the battery

Discharge Power
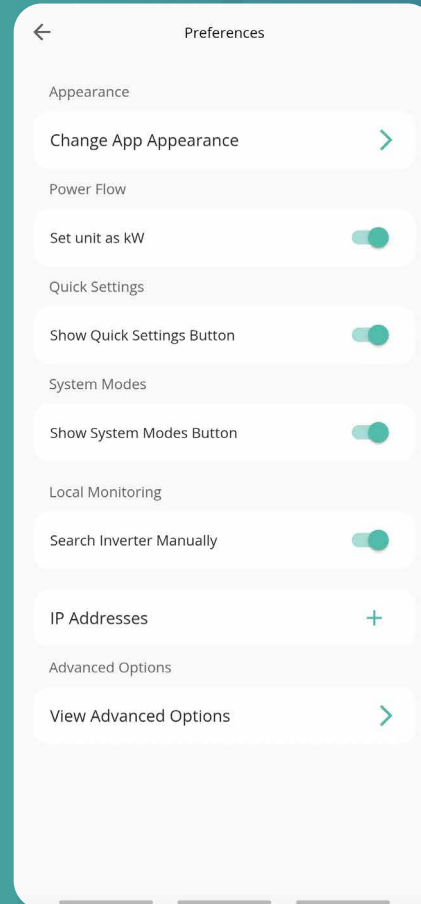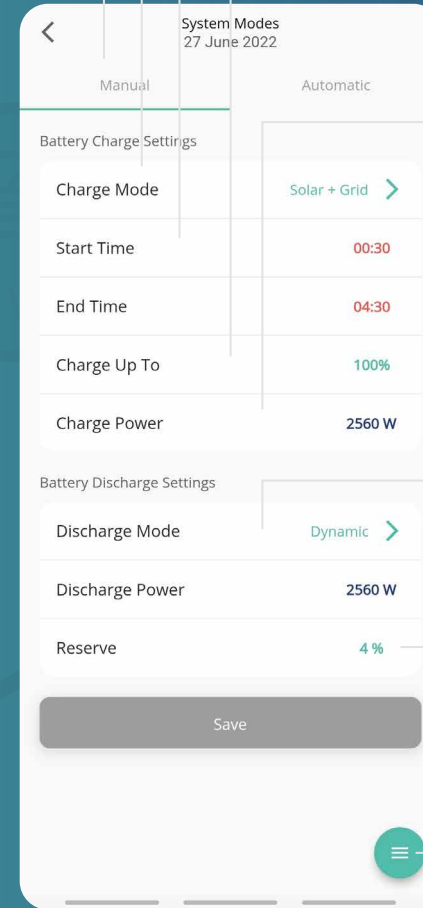Choose rate of power to discharge the battery

Reserve
Choose an amount of the battery to reserve in the event of a power cut (will only operate if the EPS is connected)

Default Settings
Restore settings to default

Home Dashboard Screen
Home Dashboard
27 June 2022
Waiting - Last updated 3 m 46 s ago
Home | Away
3.61 kW
0.11 kW
0 kW
3.5 kW
100 %

Preferences Screen
Preferences

Appearance
Change App Appearance

Power Flow
Set unit as kW

Quick Settings
Show Quick Settings Button

System Modes
Show System Modes Button

Local Monitoring
Search Inverter Manually

IP Addresses +

Advanced Options
View Advanced Options

System Modes Screen
System Modes
27 June 2022

Manual | Automatic

Battery Charge Settings
Charge Mode — Solar + Grid
Start Time — 00:30
End Time — 04:30
Charge Up To — 100%
Charge Power — 2560 W

Battery Discharge Settings
Discharge Mode — Dynamic
Discharge Power — 2560 W
Reserve — 4 %

Save

GivEnergy®

Power Graph

Data Dates

View historical data by date

Power Wattage

Breakdown of power
consisting of solar, battery,
grid, and home

Data Time Period

Data can be viewed over 1, 3,
6, 12, or 24 hour time periods

Graph Data

A visualisation of your
selected power source(s)

Import Source

Toggle the graph view
between solar, home,
battery, and grid

Power Values

Peak power values for daily,
weekly, monthly, and yearly

Power Graph
12 May 2022

2022-05-12 ▸

View 3h ▾

4kW
3kW
2kW
1kW
0

14:00   15:00   16:00

Peak Power

Generation	4150 W
Consumption	1818 W
Battery Charge	2425 W
Battery Discharge	493 W
Grid Import	2826 W
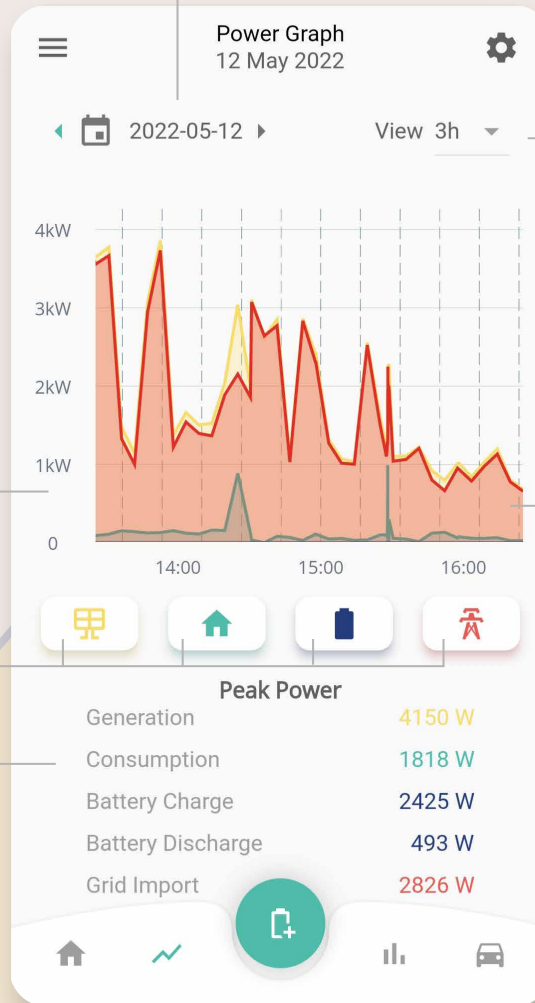
GivEnergy®

GivEnergy Dashboard

12. Home

Local connection
(data refreshes every 10 to 15
seconds)

13. Away
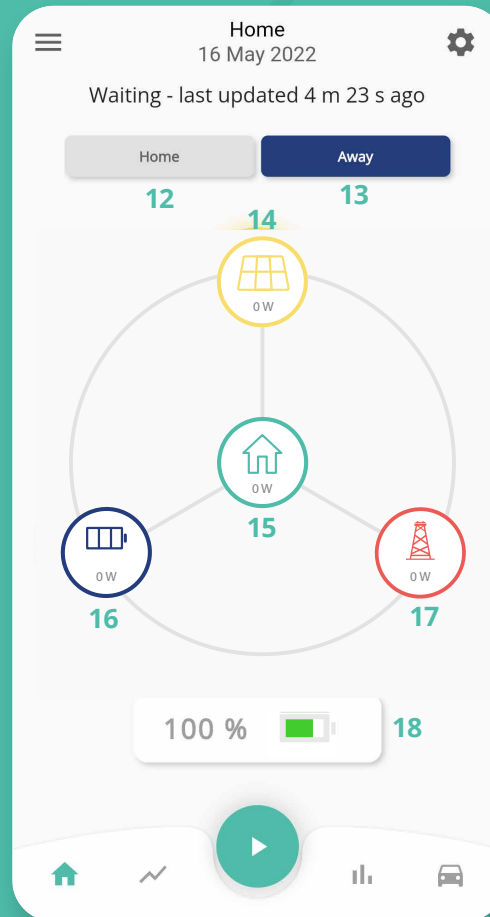
Server connection
(data refreshes every 5 minutes)

14. Solar

Shows current solar power
(tap on the icon to view the solar
energy today)

15. House

Shows consumed load power
(tap the icon to view the
consumed energy today)

Home
16 May 2022

Waiting - last updated 4 m 23 s ago

Home	Away
12	13

14

0 W

0 W

15

0 W

16

0 W

17

100 %   18

16. Battery

Shows current battery power
(tap on the icon to view
battery charge and discharge
today

17. Grid

Shows current grid power
(tap on the icon to view import
and export energy today)

18. Battery

Shows indepth statistics
around the battery percentage
and power

GivEnergy®

VIEWING DATA
Energy Graph

Graph Data
Energy data can be displayed half hourly, daily, weekly, monthly, or yearly

Home Consumption
Energy consumed from solar, battery, and grid

Solar Energy
Shows how much solar energy has gone to the house, battery, or grid

Battery Discharge
Battery discharge energy to the home and grid

Battery Charge
Battery charge energy from solar or grid

Grid Export
Export energy from solar or battery

Grid Import
Imported energy from the home and battery

Consumption Overview
Energy breakdown and total values for daily, weekly, monthly, and yearly

Energy Graph
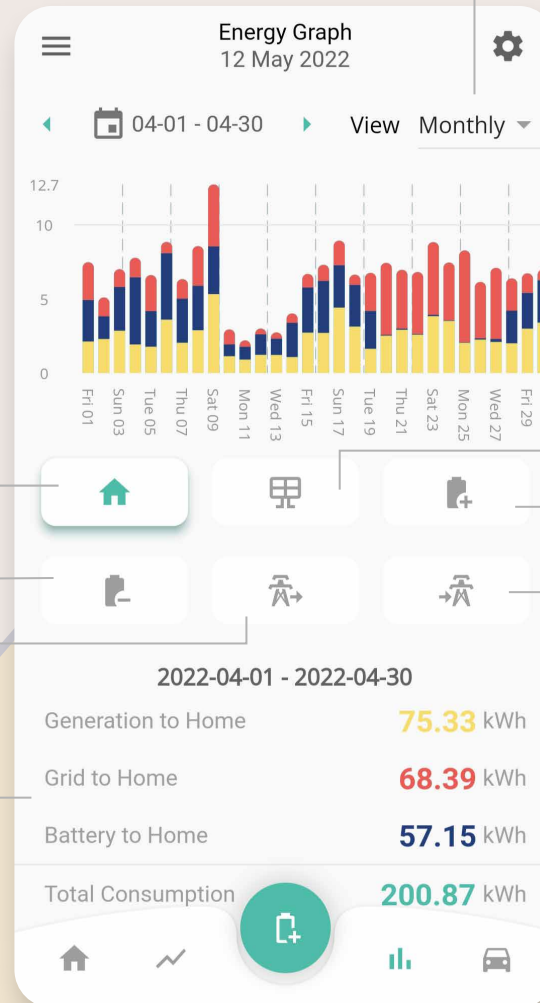12 May 2022

04-01 - 04-30   View Monthly

12.7
10

5

Fri 01 Sun 03 Tue 05 Thu 07 Sat 09 Mon 11 Wed 13 Fri 15 Sun 17 Tue 19 Thu 21 Sat 23 Mon 25 Wed 27 Fri 29

2022-04-01 - 2022-04-30

Generation to Home	75.33 kWh
Grid to Home	68.39 kWh
Battery to Home	57.15 kWh
Total Consumption	200.87 kWh

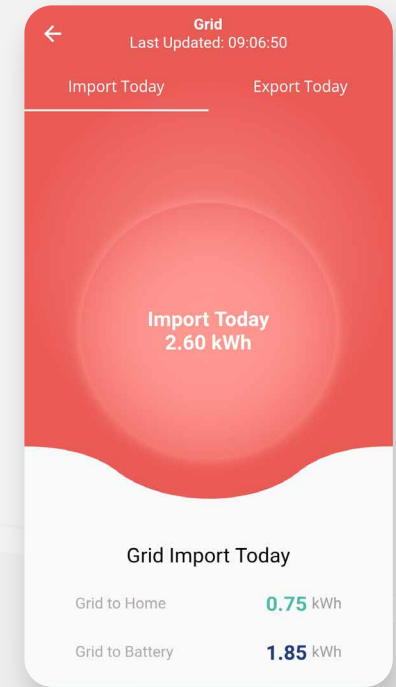GivEnergy®

Energy Consumption

Consumption Overviews

View your daily consumption total figures for different inputs

Solar
Last Updated: 09:06:50

Generation Today
15.91 kWh

Solar Generation Today

Generation to Home	**1.53**	kWh
Generation to Battery	**0.07**	kWh
Generation to Grid	**14.31**	kWh

Home
Last Updated: 09:06:50

Consumption
2.62 kWh

Home Consumption

Generation to Home	**1.53**	kWh
Battery to Home	**0.34**	kWh
Grid to Home	**0.75**	kWh

Battery
Last Updated: 09:06:50

Charge Today   Discharge Today

Charge Today
1.92 kWh

Battery Charge Today

Grid to Battery	**1.85**	kWh
Generation to Battery	**0.07**	kWh

Grid
Last Updated: 09:06:50

Import Today   Export Today

Import Today
2.60 kWh

Grid Import Today

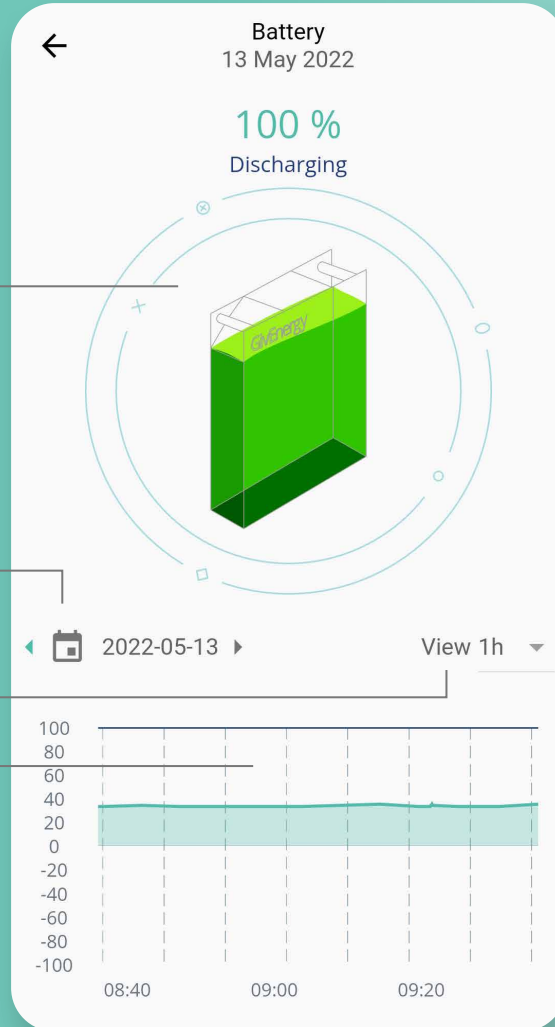|		
Grid to Home	**0.75**	kWh
Grid to Battery	**1.85**	kWh

GivEnergy®

Battery Dashboard

Battery Status

Battery Animation

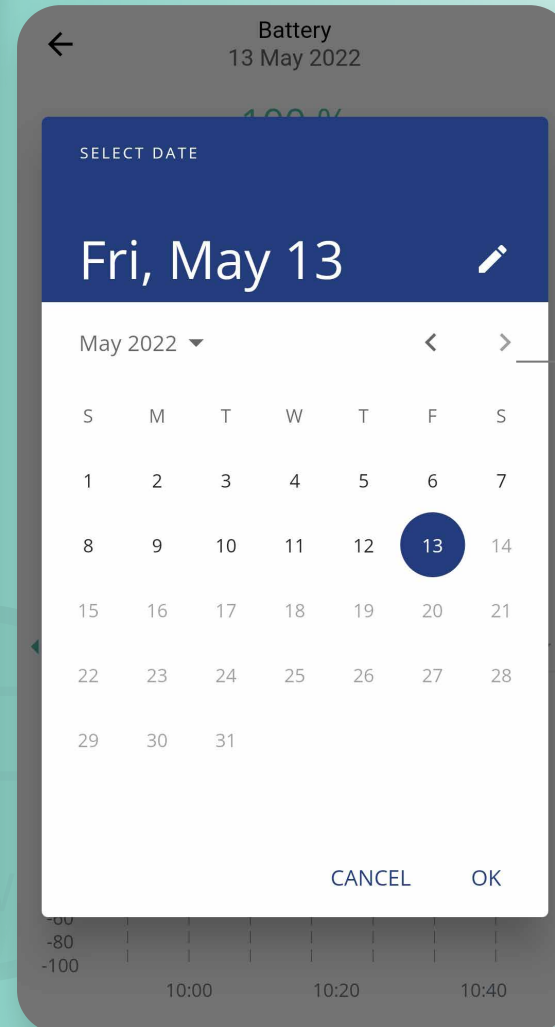A visualisation of battery state of charge

Battery Data

View historical battery data by date

Data Time Period

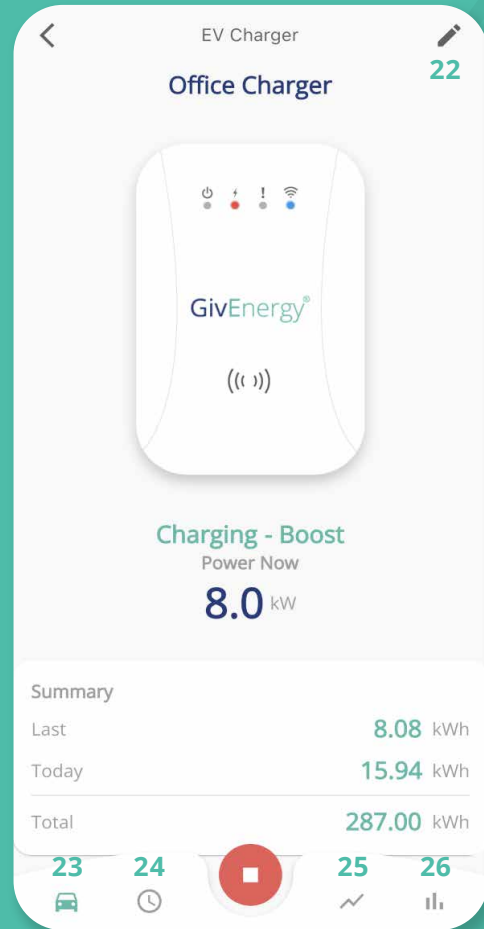View battery data over different time periods

Battery Graph

Battery percentage and power

Battery Date Picker

Select the day you wish to view the data for

Battery
13 May 2022

100 %
Discharging

◀ 📅 2022-05-13 ▶   View 1h ▼

100
80
60
40
20
0
-20
-40
-60
-80
-100

08:40   09:00   09:20

Battery
13 May 2022

SELECT DATE

Fri, May 13   ✏

May 2022 ▼   ‹ ›

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

CANCEL   OK

-60
-80
-100

10:00   10:20   10:40

GivEnergy®

Dashboard

EV Charger

Office Charger 22

GivEnergy®

((( )))

Charging - Boost
Power Now
8.0 kW

Summary

Last	8.08	kWh
Today	15.94	kWh
Total	287.00	kWh

23 24 ⏹ 25 26

22. Edit Charger Name
Change the name of your
EV Charger

23. EV Charger
EV Charger dashboard

24. Modes, Settings, and Schedule
Alter your EV Charger mode
and charge times

25. EV Power Graph
View your EV Charger
power data

26. EV Energy Graph
View your EV Charger energy
input data

GivEnergy®

Modes and Schedule

Eco

The vehicle will charge from excess solar only at a minimum of 6A (1.4kW).

Eco +

The vehicle will charge at a minimum of 6A (1.4kW) from a combination of excess solar and grid power. If excess solar exceeds 6A (1.4kW), this will be diverted into the EV.
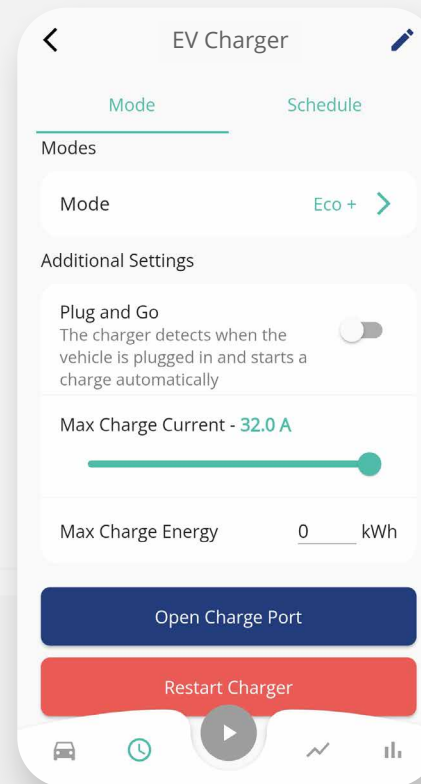
Boost

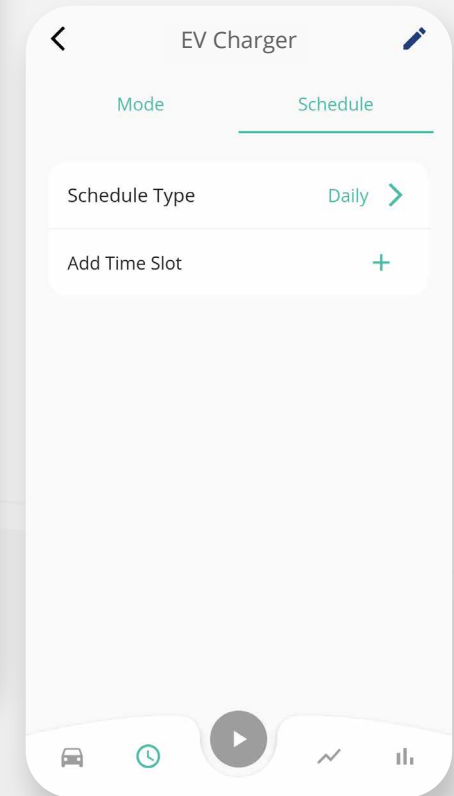The vehicle will charge from a combination of solar and grid up to the "Max Current" limit Slider (A).

Inverter Control

The vehicle will charge based upon instruction that it has been given by the GivEnergy Inverter.

EV Charger Modes

EV Charger

Mode | Schedule

Modes

Mode   Eco + >

Additional Settings

Plug and Go
The charger detects when the vehicle is plugged in and starts a charge automatically

Max Charge Current - **32.0 A**

Max Charge Energy   0   kWh

Open Charge Port

Restart Charger

EV Charger Schedule

EV Charger

Mode | Schedule

Schedule Type   Daily >

Add Time Slot   +

GivEnergy®

EV CHARGER

Graph Data

EV Charger Power Data

EV Charger Energy Data
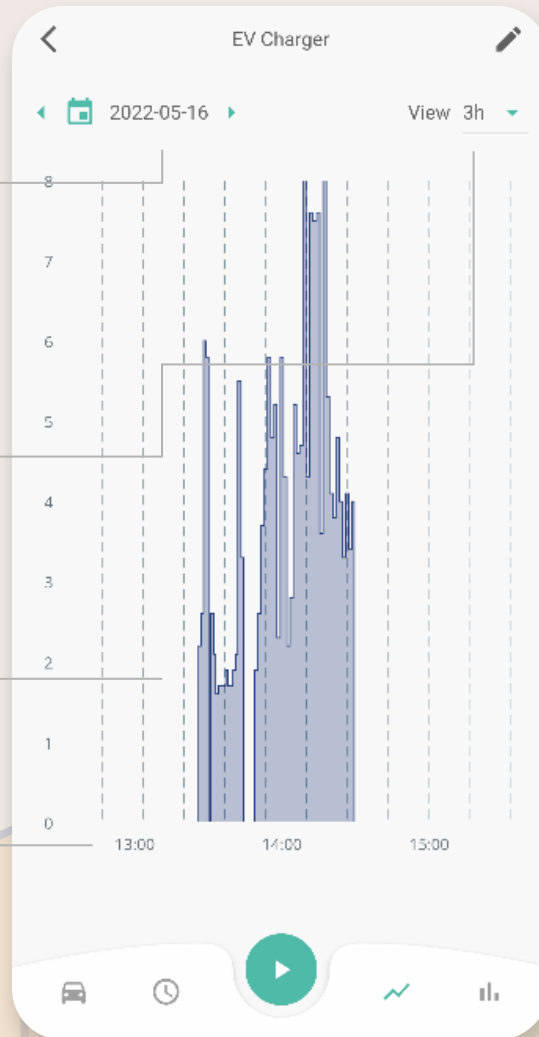
Data Date

View historical EV Charger data by date

Data Time Period

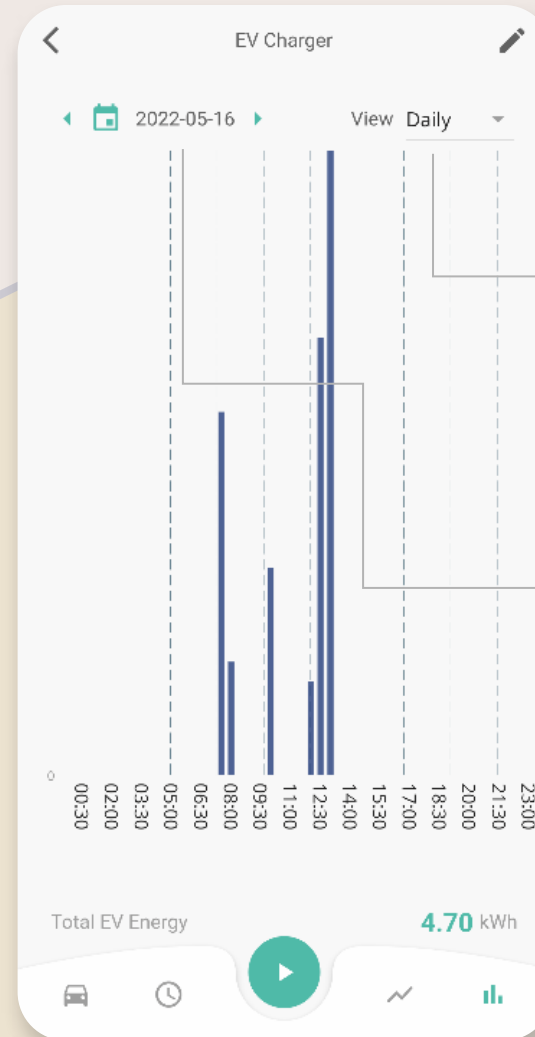EV Charger data can be displayed over 1, 3, 6, 12, or 24 hours

Charge Amount

Amount of charge at different time periods

Time

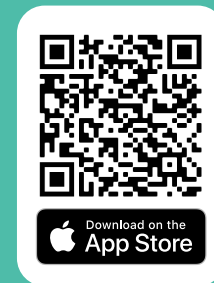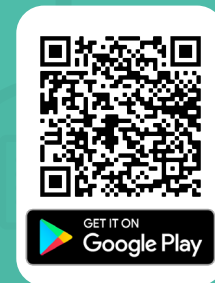View EV Charger data over different time periods

Data Time Period

EV Charger data can be displayed half hourly, daily, weekly, monthly, or yearly

Date of Data

Change the day, week,, or month to view

EV Charger

2022-05-16   View 3h

13:00   14:00   15:00

EV Charger

2022-05-16   View Daily

00:30 02:00 03:30 05:00 06:30 08:00 09:30 11:00 12:30 14:00 15:30 17:00 18:30 20:00 21:30 23:00

Total EV Energy   **4.70** kWh

GivEnergy®

GivEnergy®

www.givenergy.co.uk