NRGCHARGE

7kW / 22kW

Configuration tool

Quick start guide

Version 1.1 - Jan 2026

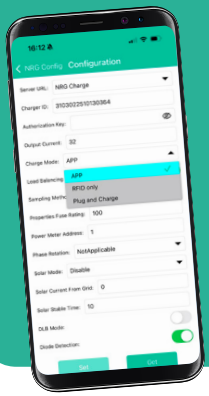
Think out of the box, with our creatively designed 7kW/22kW Domestic and Commercial EVC.

NRG CHARGE

7kW / 22kW

This quick guide will walk you through the NRG Charge Configuration App. Please note that the app is not intended for end clients. It is used during installation to:

- Connect the charger to the **Wi-Fi** or **LAN network**
- **PV Mode** – ensures the best use of generated solar power by prioritizing energy from photovoltaic (PV) systems.
- **Load Balancing** – the charger automatically adjusts its power demand to avoid potential tripping or power loss by matching the available capacity of the electrical installation.
- Configure how charging sessions are initiated:
  - **Plug & Go** – charging starts automatically when the vehicle is connected.
  - **RFID** – charging is enabled using an RFID card.
  - **Third-Party App** – charging is managed through an external application.



Download the **App** on Apple or google play

Download on the App Store

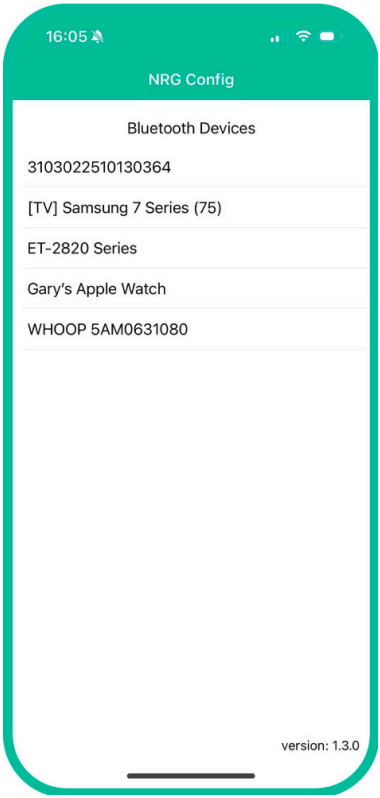
GET IT ON Google Play

NRG Charge

1

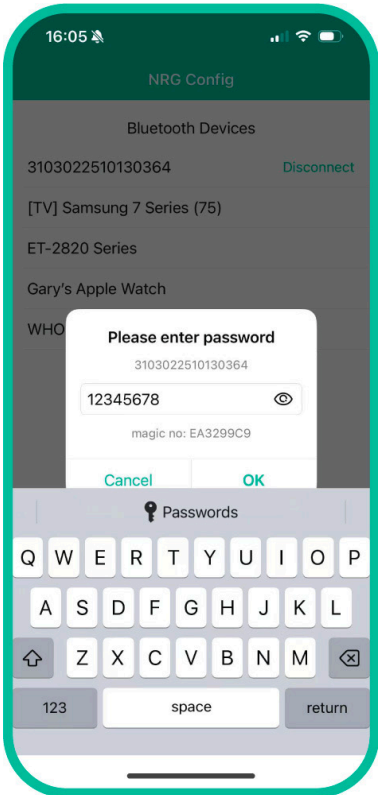
Open the app and locate the charger serial number (The SN is on the RFID tags and also the side of the charger itself).

Click on the corresponding SN which will take you to the next screen.



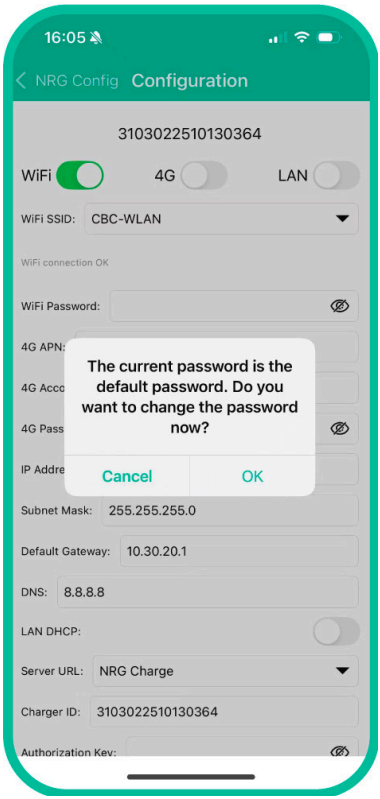
2

Enter the default password 12345678



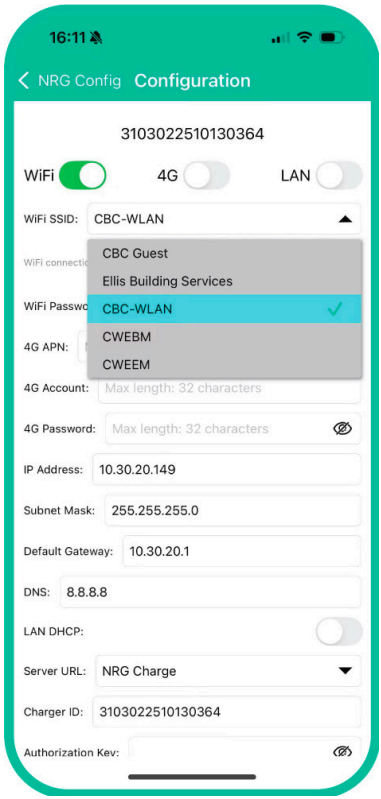
3

Change the password to your required password or cancel to keep the default password.



4

Choose WI-FI SSID connection .

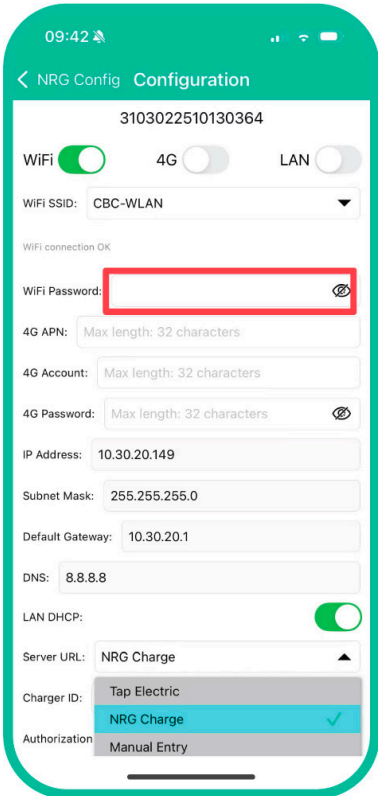


5

Enter the Wi-Fi password in the 'Wi-Fi Password' field, then select NRG Charge from the 'Server URL' drop-down menu.

IMPORTANT: If the NRG Charge server is not selected, we will be unable to perform any remote diagnostics.

Please ensure this is configured correctly to avoid the need for additional site visits.

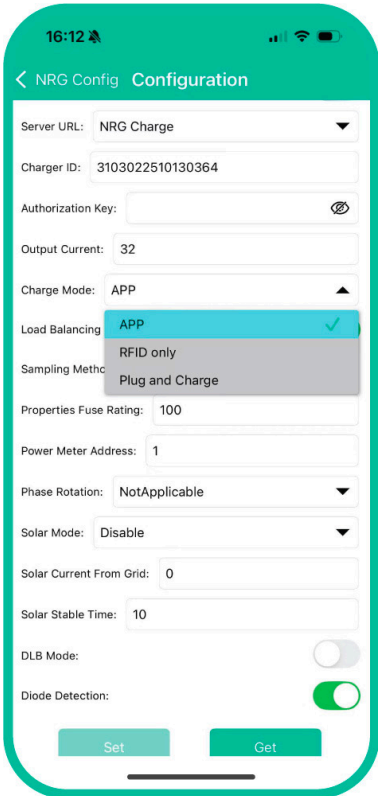


6

Charging Modes and Scheduling.

The charger can be configured in three different charging modes, APP Mode, RFID Mode, and Plug-and-Charge Mode. Page 8 provides further detail on how each mode handles the starting and stopping of a charge.

Charging Modes (see Page 8)

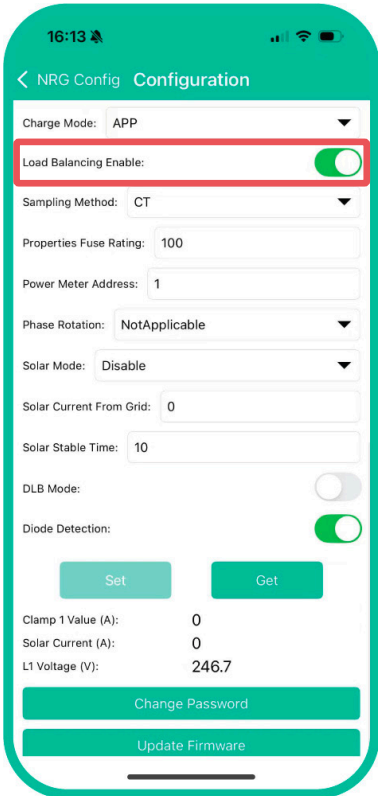


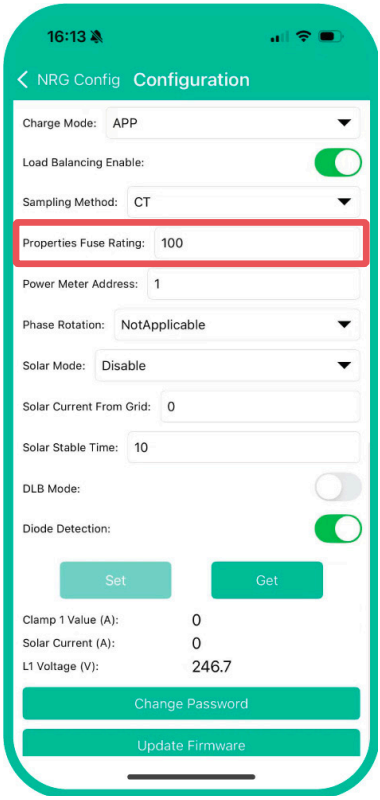
7

For best operation, the CT clamp should be installed around the main incoming supply (Please refer to page 10 of the Installation manual) Enable Load balancing on the app.

8

Adjust the fuse rating to the fuse rating that is installed in the property (e.g 40,60,80 or 100A).



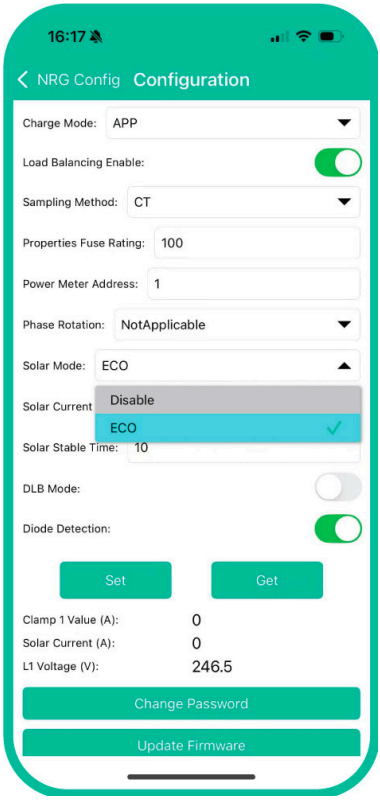


9

If PV is installed in the property, there is an option to set PV Mode, this will require an additional CT clamp to be installed on the inverter mains output.

(Please refer to page 11 of the installation manual) Select Eco.

(If no PV is installed please jump to step 11).

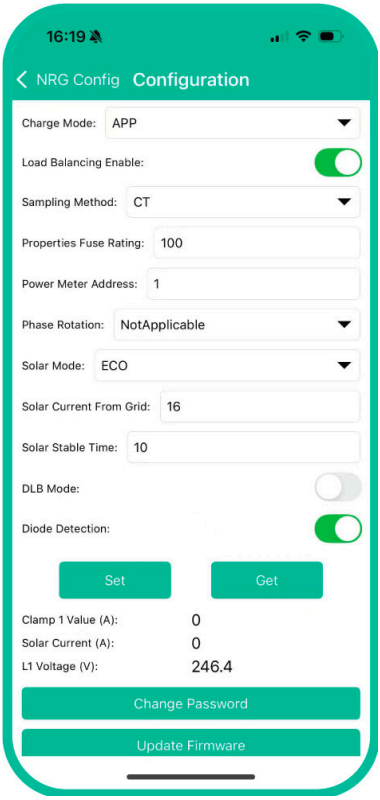


10

The charger can run solely on PV power or supplement with grid power when needed.

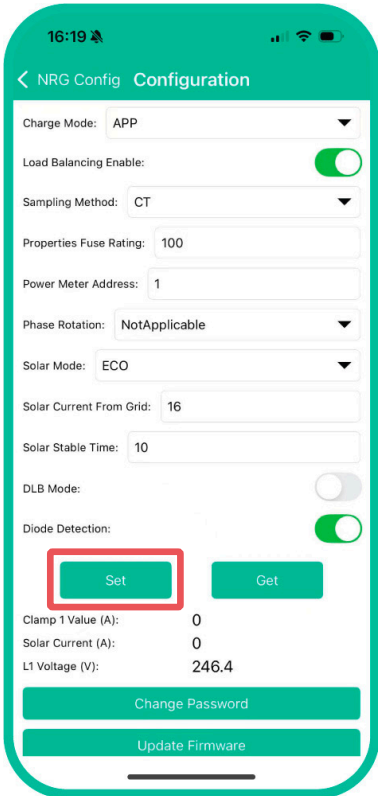
- Solar only: Input 6A or less, the charger will operate solely on solar-generated energy.
- Solar + Grid: Input above 6A the charger will draw from the grid and solar, you can specify the maximum amount to draw from the grid.

Example: see page 9.



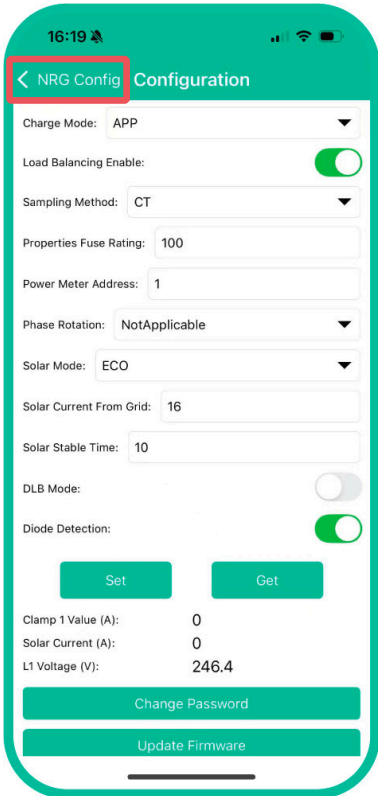
11

Press SET to send the parameters to the charger, next press Get to gain the values for the Current Clamp and Voltage.



12

IMPORTANT Press the back arrow to return to the Bluetooth list before closing the app to finalise the settings.



When setup is complete scan the QR code to download the tap electric app and add the NRG Charger.

Key features

- Manage chargers: setup, monitor status, set tariffs, control access.
- Support multiple charger deployments (home, workplace, public, fleet) via a back-office/dashboard.
- Offer flexible payment options (subscriptions or pay-as-you-go) and manage billing.
- Use features like Charge AI for energy management: for example, load balancing, optimizing energy costs for charger operation.

RFID Mode

Allows a user to initiate and stop a charging session by tapping an RFID tag on the charger.

Plug-and-Charge Mode

Automatically starts charging as soon as the plug is connected to the vehicle.

APP Mode

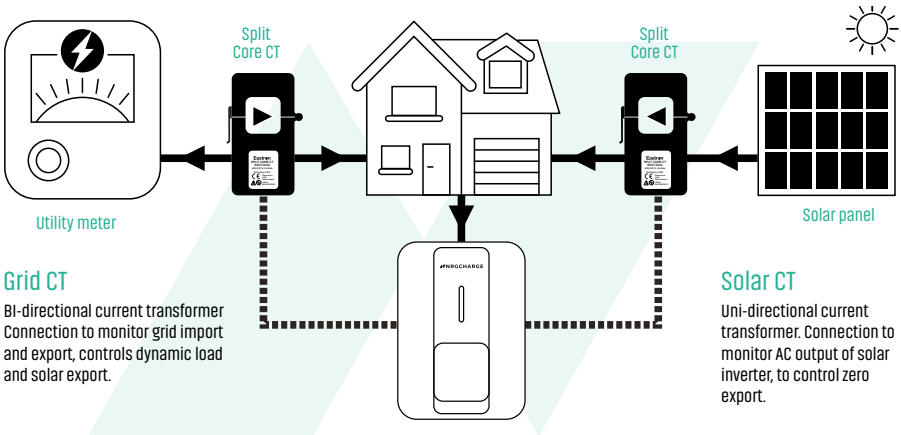
Allows a user to start and stop charging sessions remotely using the NRG Charge+ App.

Important Considerations

For the most reliable delayed-start charging experience, we recommend setting the charger to RFID Mode and using the car's on-board computer or mobile app to create the charging schedule.

If the NRG Charge+ App is used to create a charging schedule, the Keep Awake function must be enabled to ensure the vehicle starts charging at the scheduled time.

Example: If you set the Solar Current From Grid to 16A, the charger will take up to 16A from the grid supply, with the remaining demand (16A) covered by solar generation.



NRGCHARGE

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