



- TNK PV5/6
- TNK LV10



COMMISSIONING QUICK GUIDE



Inverter
User Manual



Battery
User Manual



Vic Emergency
Backstop-Application
Guide

Site Commissioning Guide via Clenergise App

1.1 Please download the Clenergise App from Google Play Store/App Store.



[Clenergise – Apps on Google Play](#)

[Clenergise on the App Store](#)

1.2 Log in to the account which created by Clenergy ESS Team or created by the admin of your organisation. Accept the T&C's if logging in to the account for the first time.

1.3 Click on the '+' button at the top right corner to create a site.

The screenshots illustrate the steps to create a new plant in the Clenergise app. The first screen shows the 'Plants' overview with a '+ Create' button. The second screen shows the 'Create a Plant' form with the following fields:

- Cancel
- Create a Plant
- Cover:
- *Plant Name: Unit 3 Duerdin Street Clayton VIC 3168
- *Location: Longitude: 145°8'32.2"/ Latitude: -37°54'38.8"
- *Region: Australia/Victoria/Melbourne
- *Address: Australia Clayton Oakleigh Ward Blackburn Rd 740 Blackburn Rd
- *Capacity(kWp): 7.92
- NMI: 1234567890
- System Type:
 - PV + Grid
 - PV + Grid + Consumption
 - PV + Grid + Consumption + Battery
- Plant Type:
 - Distributed residential
 - Distributed commercial
 - Distributed industrial

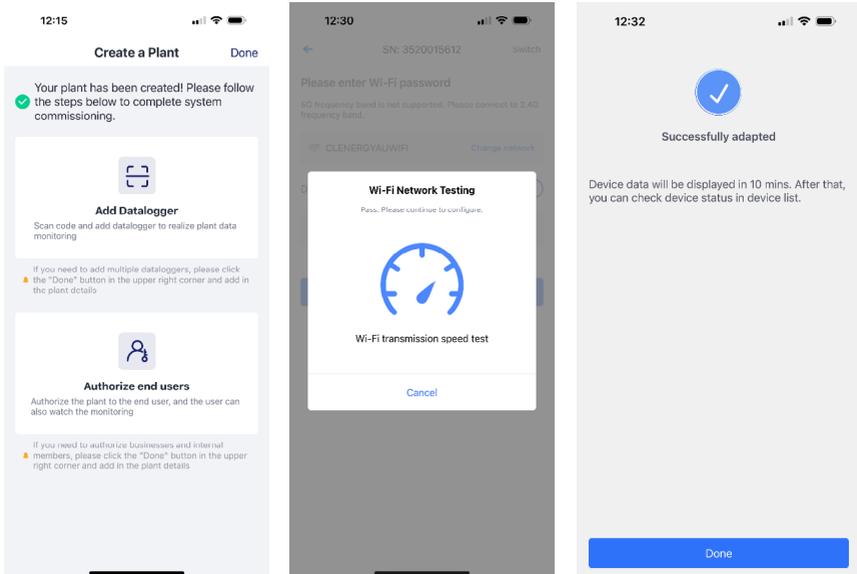
The third screen shows the 'Create a Plant' form with the following fields:

- Cancel
- Create a Plant
- Distributed industrial
- Ground Mounted
- Azimuth(*): Optional, 0-360°
- Tilt Angle(*): Optional, 0-90°
- On-grid Date: 2025-01-15
- Time Zone: Canberra, Melbourne, Sydney (UTC+11:00)
- Currency: AUD
- Unit Price(AUD/kWh): Optional
- Total Cost(AUD): Optional
- Contact Person: Homeowner Name
- Contact Number: 0400000000
- Organization Name: Installer Company Name
- Save

- Verify the entered address is correct.
- Azimuth & Tilt Angle of the panel is recommended, but not a mandatory field.
- Contact Person = Homeowner Name
- Contact Number = Homeowner Number
- Organization Name = Installation Company Name
- Once the Information is filled in, press the Save button.

1.4 Add the Datalogger

Firstly, connect your smart phone to the Homeowner's Wi-Fi Network. The data logger will use the Wi-Fi information of the Home Network when your smart phone is connected to it. Please make sure the correct Wi-Fi network is connected to your smart phone.



In case it didn't work, follow the below mentioned steps:

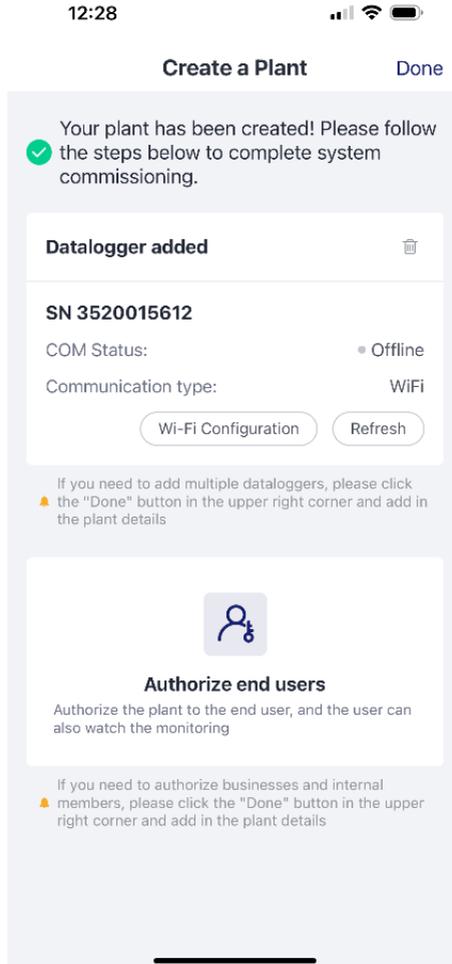
- Enter the Password of the homeowner's Wi-Fi.
- When the 'Net' LED on the data logger is solid Green, the Wi-Fi Network is successfully configured.
- Press "Done" once it is successfully configured.

Data Logger LED status when in normal operation:

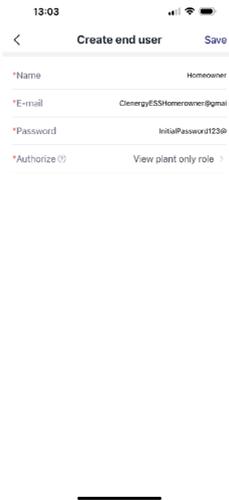
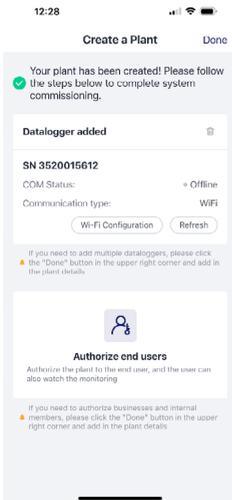
- Net LED = Solid
- Com LED = Solid
- Ready LED = Flashing

Tech Tip:

Click the refresh button if it shows Offline even you successfully configured the data logger with Wi-Fi. The data can take up to couple of minutes to connect successfully to the Server.

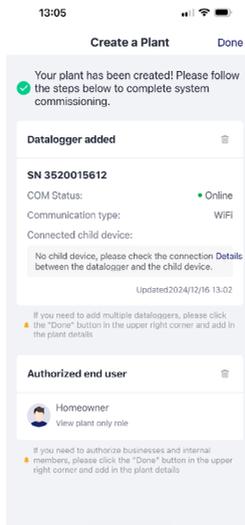


1.5 End User Authorization



Take a screenshot of this page

Important Note: Please make sure to take a screenshot of the “Create End User” page so that the information can be saved and passed on to the homeowner.



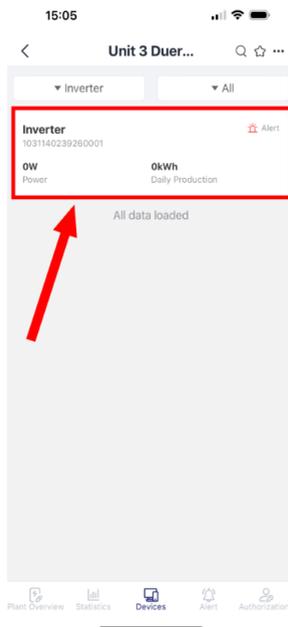
1.6 Commissioning the ESS System

Once the site has been created, go to the device page to perform the site commissioning. All the commissioning work will be performed through the inverter.

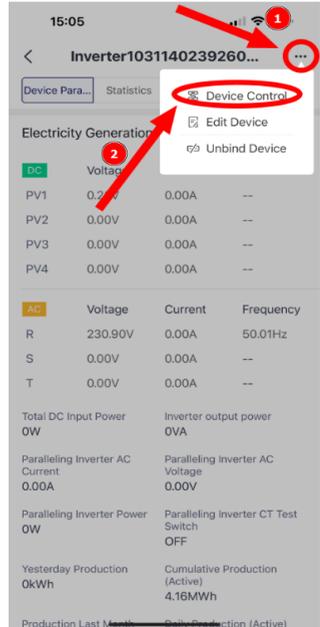
Tap **“Device Control”** to start the commissioning steps.



Step 1



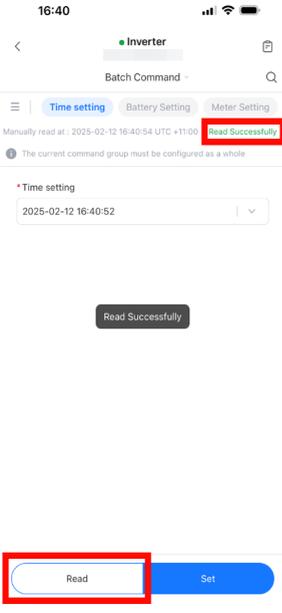
Step 2



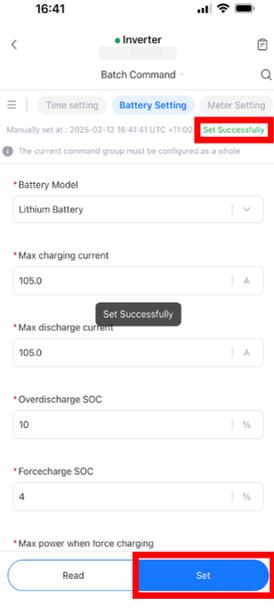
Step 3

Please make sure to perform a ‘Read’ command of all the parameters first before applying the settings.

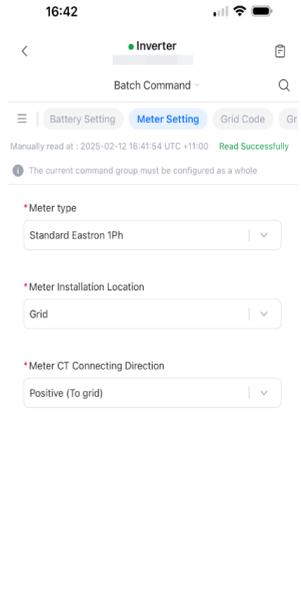
The following pages: 'Battery Setting', 'Meter Setting', 'Grid Code' and 'Backup Port' are required to be set. Other pages should remain default/pre-filled parameters unless there are specific requirements.



Step 4



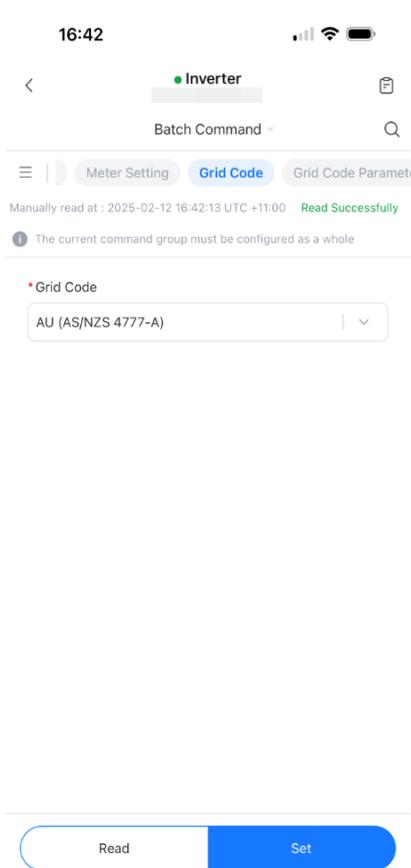
Step 5



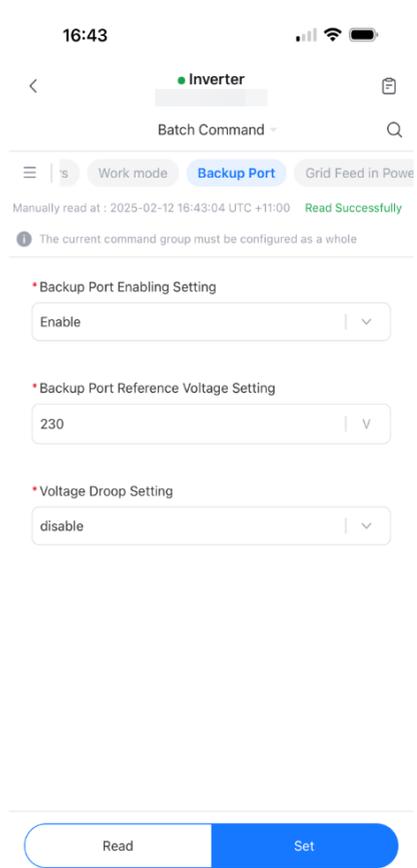
Step 6

Click 'Set' to save the parameters after completing each page.

The grid parameters will be automatically filled in once the Grid code is selected. If the site is configured for Full Backup, please enable the Backup port on the Commissioning steps.



Step 7



Step 8

The Export Limit should be set up according to the DNSP requirements in the region.

16:43

Inverter

Batch Command

Backup Port Grid Feed in Power Limit CERT mod

Manually read at : 2025-02-12 16:43:43 UTC +11:00 Read Successfully

The current command group must be configured as a whole

* Feed in Power Limit Switch

OFF

* Feed in Power limit value

0 W

* Feed in Current limit value

0 A

* Failsafe Switch

OFF

Read Set

Unless specifically directed by the DNSP, do not alter any settings in the rest of the commissioning steps.

Congratulations! Now the site has been fully commissioned.



A Clenergy Technologies Company

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