

SolShare Commissioning App V2.0

User Guide

Make sure you've completed all previous steps in the SolShare Installation Manual before using the Commissioning App.

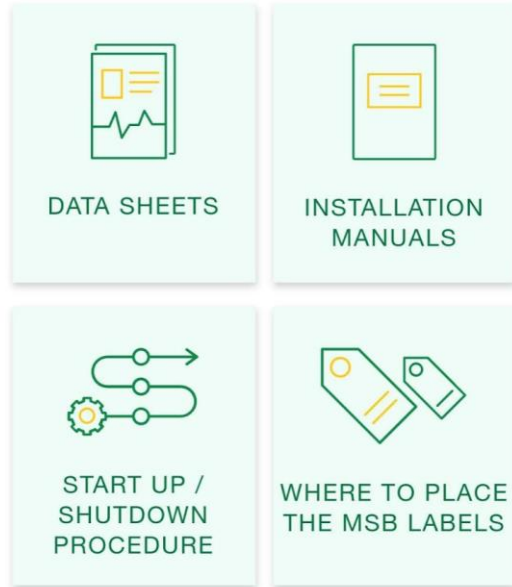
You can access the Commissioning App at:
commissioning.allumeenergy.com.au

Note: If you enter incorrect data during commissioning, and you cannot fix it in the Commissioning App, please send an email to support@allumeenergy.com.au with the correct information and Allume will update this for you.



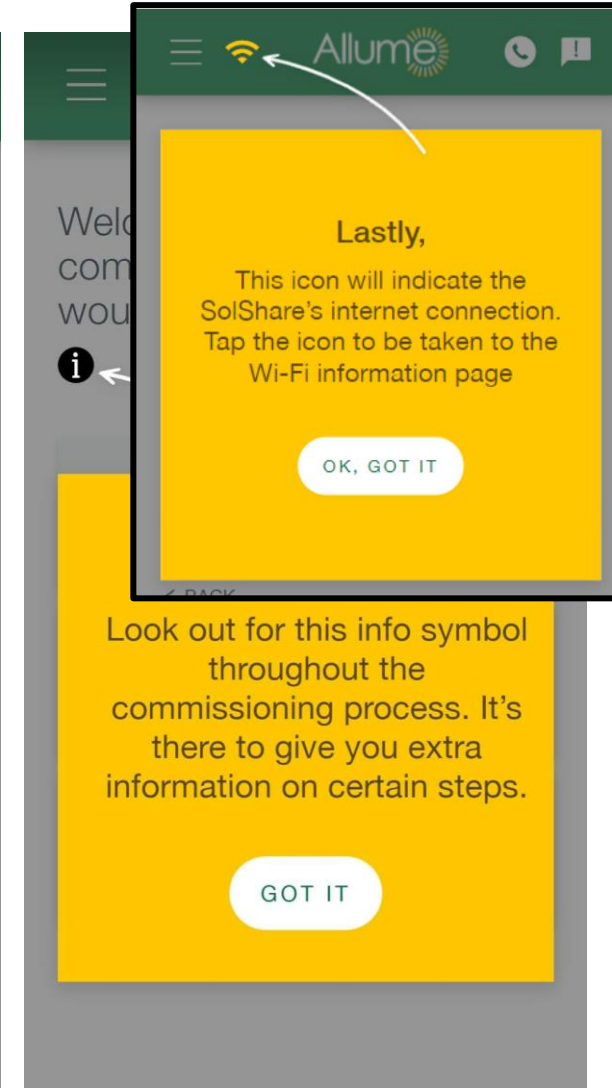
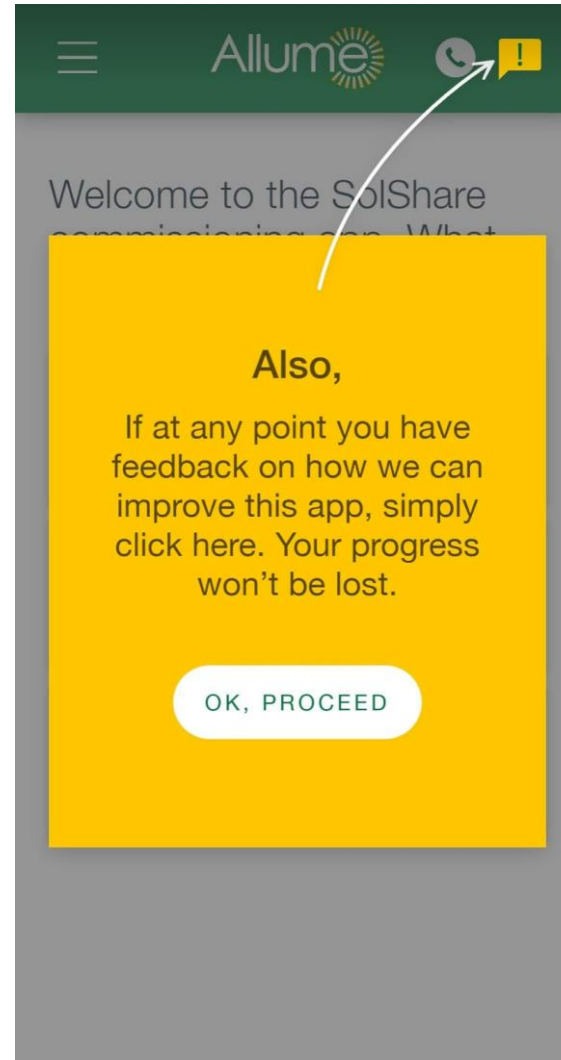
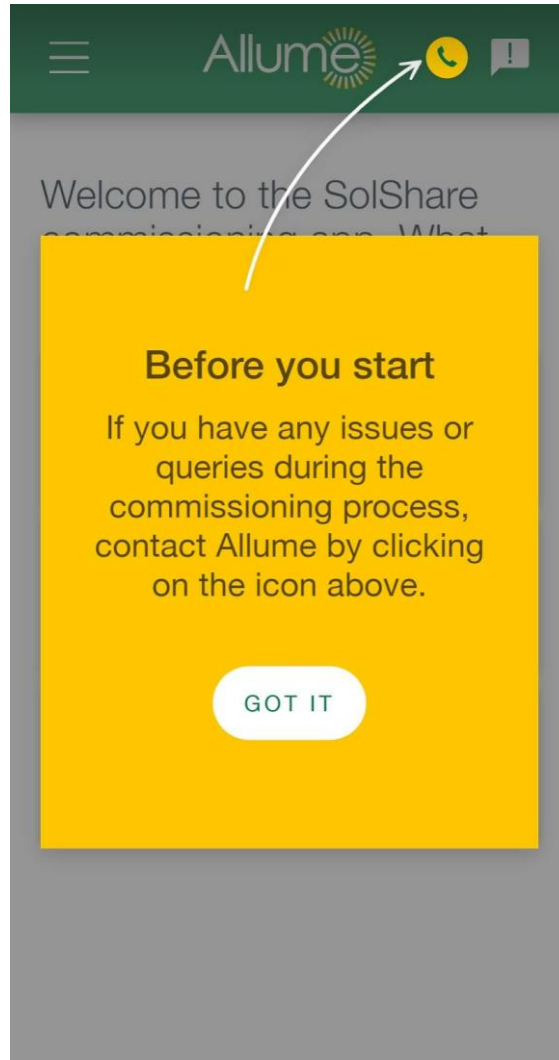
Some important info before you start ...

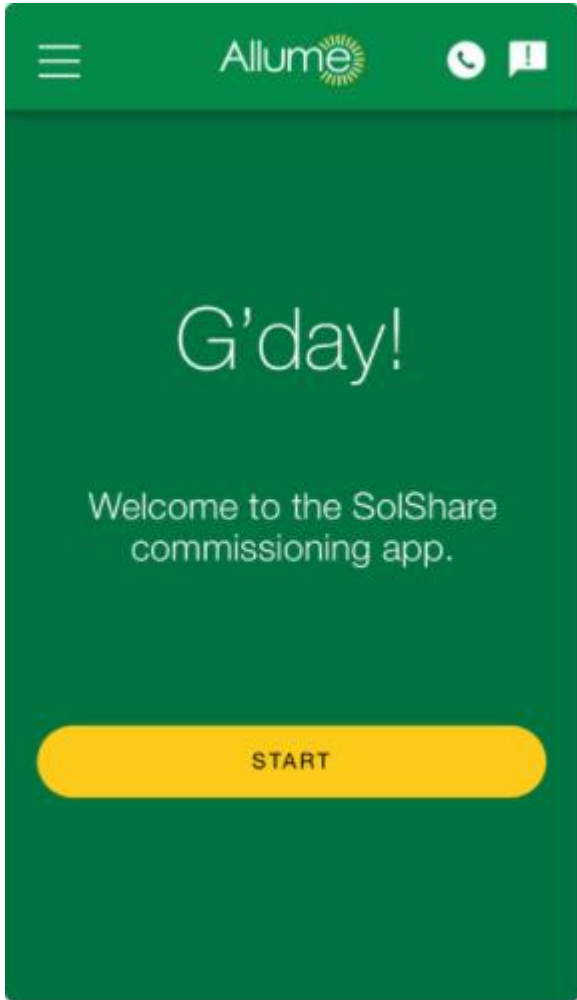
Info Centre



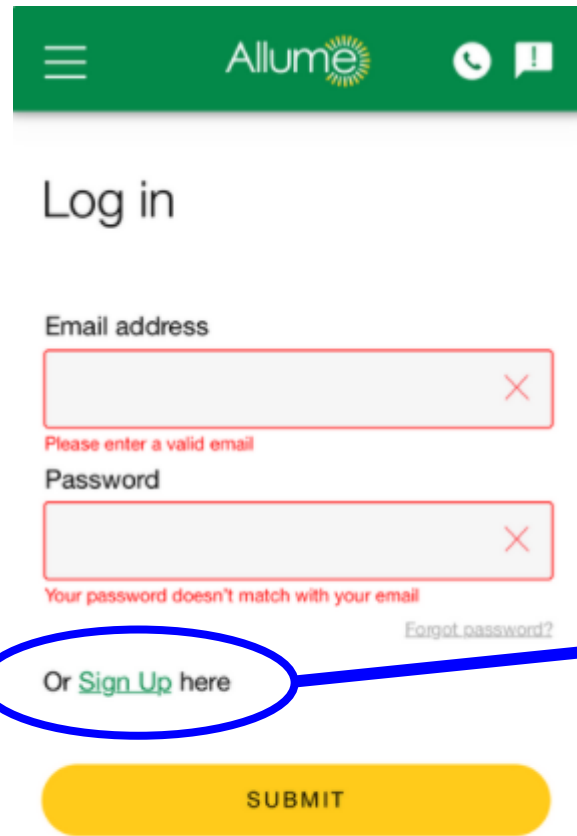
< BACK

You can always access important documents and instructions by clicking the 3 lines at the top left of the screen and selecting **Info centre**

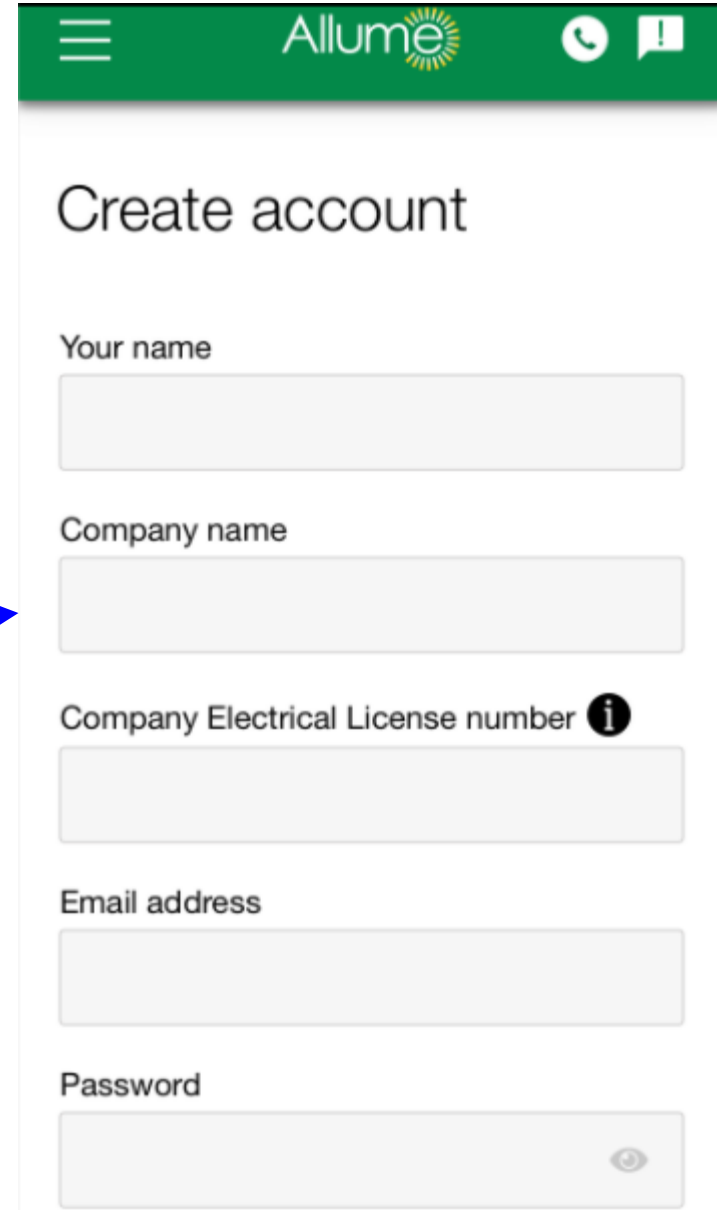








You will be greeted with this front page



You will be requested to log in or create an account. Clicking the “sign up” link will take you to the page on the right. After creating an account you will need to log in.



Welcome to the SolShare commissioning app. What would you like to do?

-  COMMISSION A SOLSHARE
-  RECONFIGURE A UNIT
-  INFO CENTRE
-  CHECK INTERNET

Go to the last slide for more info on Check Internet

Before commissioning ensure that this label is placed **on the electricity meter panel:**

WARNING

Solar wired on the **line/service side** of Tenancy Main Switches

Follow Solar Shutdown Procedure, located on inverter(s), before working on meter panel

And this label is placed **adjacent to the Tenancy Main Switches:**

Warning
Shared Solar System

To isolate a **single** unit:

1. Turn off their MAIN SWITCH INVERTER SUPPLY
2. Turn off their MAIN SWITCH NORMAL SUPPLY

CONFIRM

To begin, power the SolShare by following the start-up procedure:

SolShare Startup Procedure

1. Turn on DC "PV Array Isolator" located next to inverter
2. Turn on AC "Solar Supply Main Switch"
3. Ensure "Tenancy Main Switches (Grid Supply)" are on
4. Turn on "Tenancy Solar Circuit Breakers"
5. Turn on "SolShare Maintenance Isolators"

BEGIN COMMISSIONING

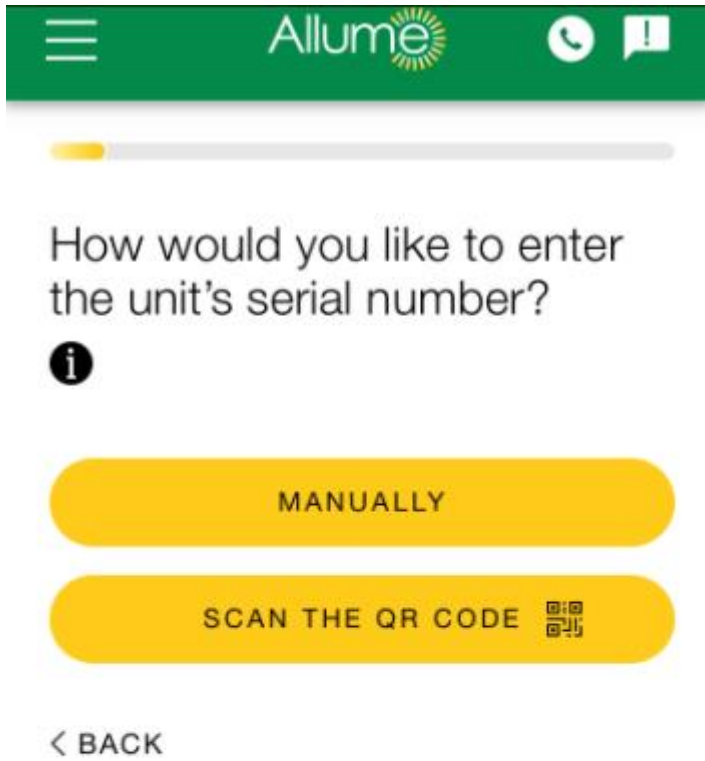
< BACK

NOTE: Allume will update the terminology in this screen soon.

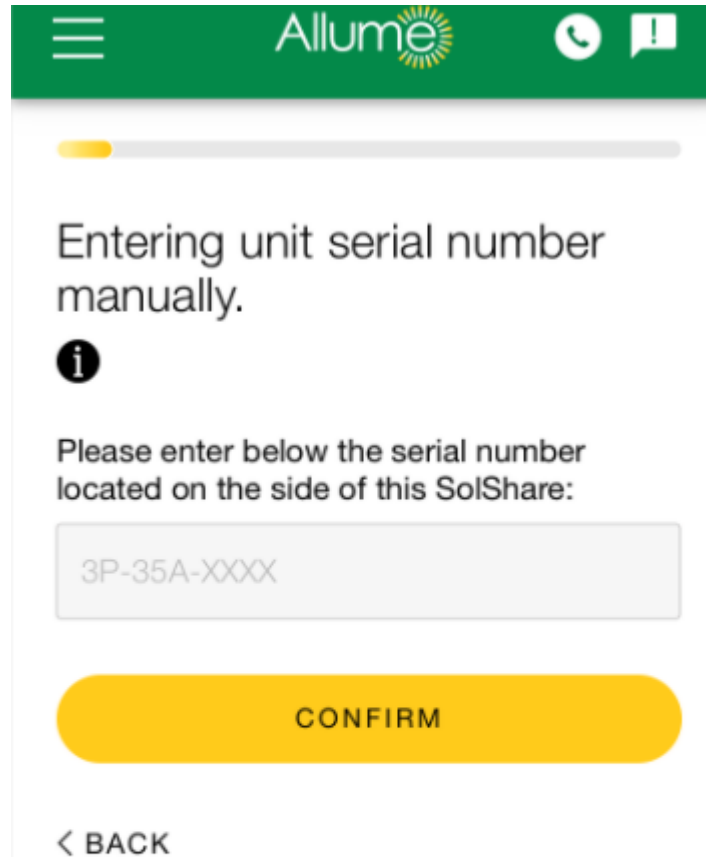
Follow the instructions on the label on the front of the SolShare with the correct terminology.

To commission a SolShare, please select the first option.

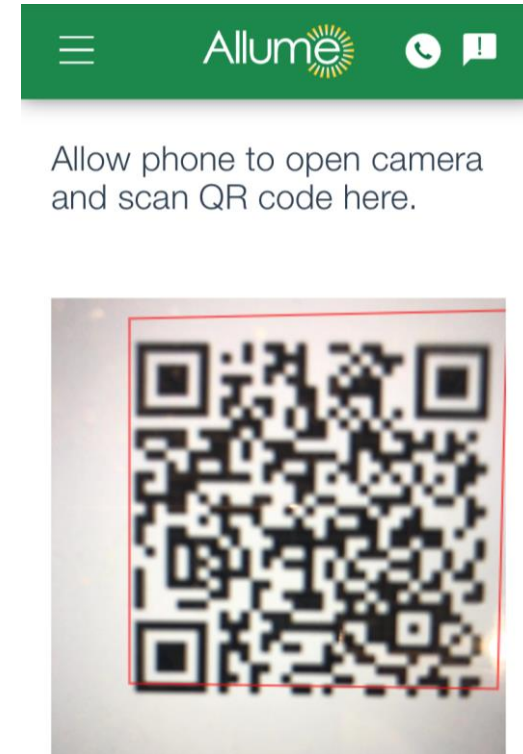
There are some warnings you will need to read and click through to move forwards



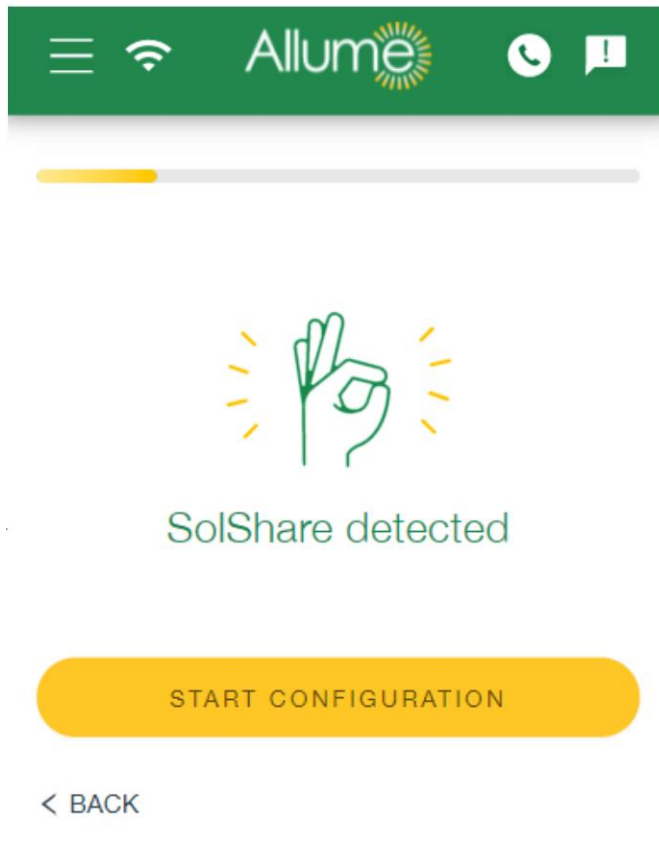
You will then select how you want to enter the unit serial number



To enter it manually, please follow the format shown in the text box



Or, if you can scan the QR code on the silver sticker on the side of the SolShare, this is an easy way to identify the SolShare you are working on

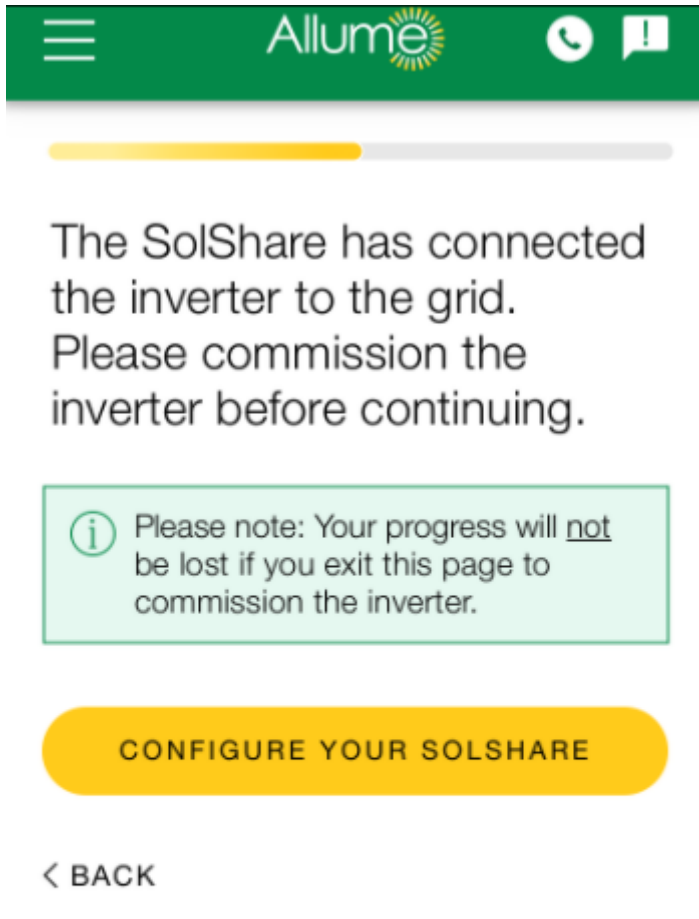


Once SolShare is detected it will move to the next step.

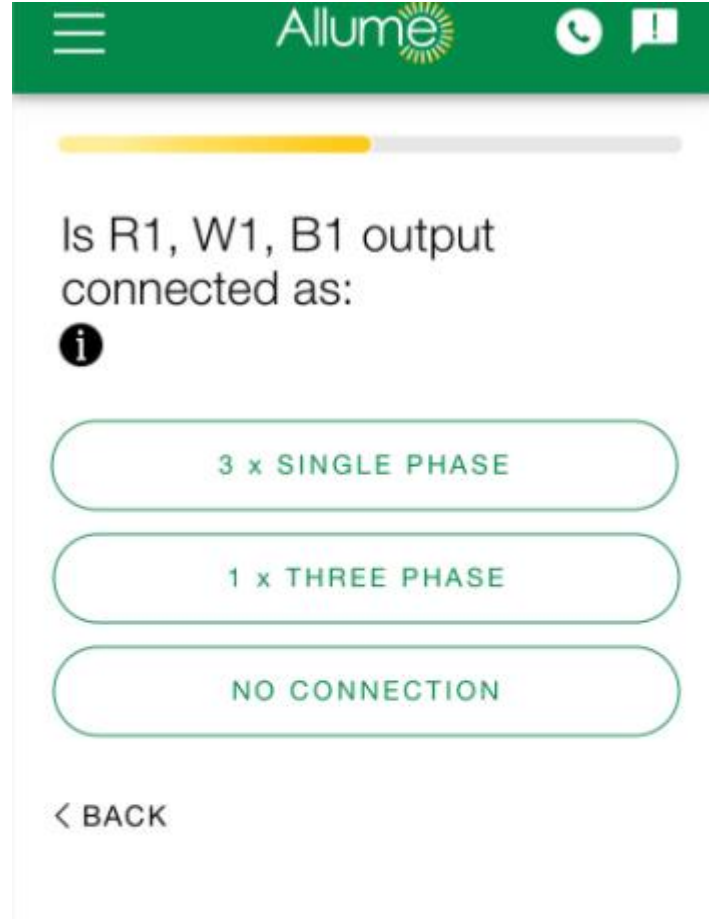
The image shows the "System Building Address" form in the Allume mobile app. The form has a white background with a green header. The title "System Building Address" is followed by an information icon. Below the title are four input fields: "Address Line 1", "Address Line 2", "City", and "Postcode". The "Postcode" field is followed by a "State" dropdown menu. At the bottom left, there is a "< BACK" link, and at the bottom right, there is a yellow "NEXT" button.

Please enter details of the building and Solar Power system specifications

The image shows the "System Specifications" form in the Allume mobile app. The form has a white background with a green header. The title "System Specifications" is followed by an information icon. Below the title are three input fields: "DC System size (kW)", "AC inverter capacity (kW)", and "Inverter Brand". The "DC System size" and "AC inverter capacity" fields have a placeholder text "For this SolShare only". The "Inverter Brand" field has four buttons: "Fronius", "SolarEdge", "SMA", and "Other". The "SMA" button is highlighted in green. At the bottom left, there is a "< BACK" link, and at the bottom right, there is a yellow "NEXT" button.

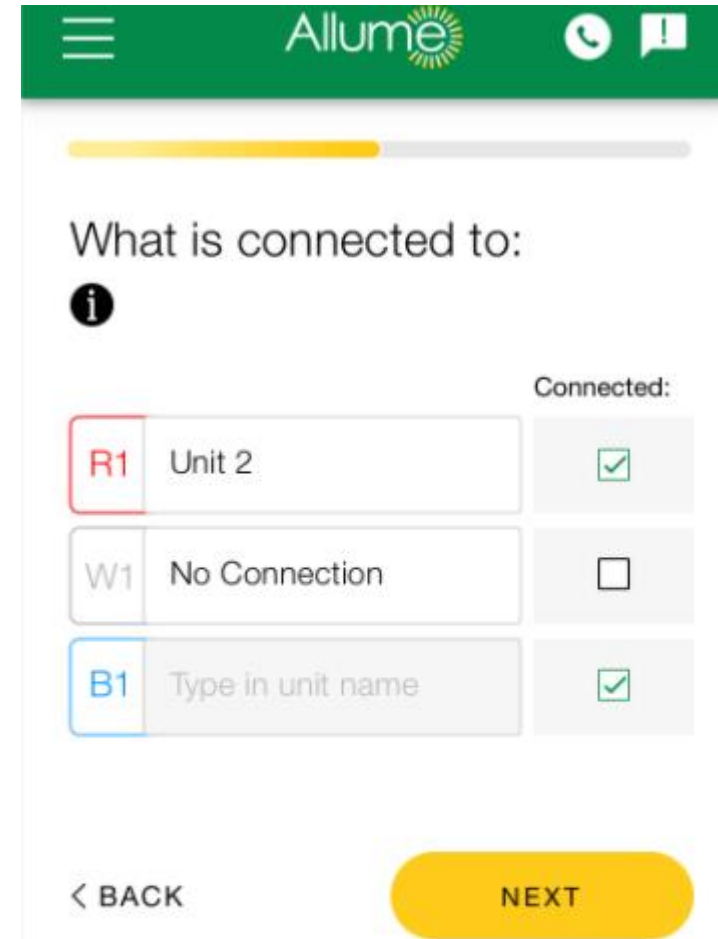


You will then be asked to commission the inverter



Please enter the details of R1, W1 and B1 outputs.

It is important that R1, B1 and W1 are all connected. Please do not follow the example of the above screenshot and leave W1 disconnected.





Please review connections:

R1	Unit 3
W1	No connection
B1	Unit 2
R2	Unit 1
W2	Unit 4
B2	No connection
R3	No connection
W3	Unit 9
B3	Unit 8

R3	No connection
W3	Unit 9
B3	Unit 8
R4	Unit 12
W4	Unit 11
B4	Unit 10
R5	Unit 14
W5	No connection
B5	Unit 13

Please state if all of this data is correct:

NO YES

< BACK

Please do the same for the remaining connections

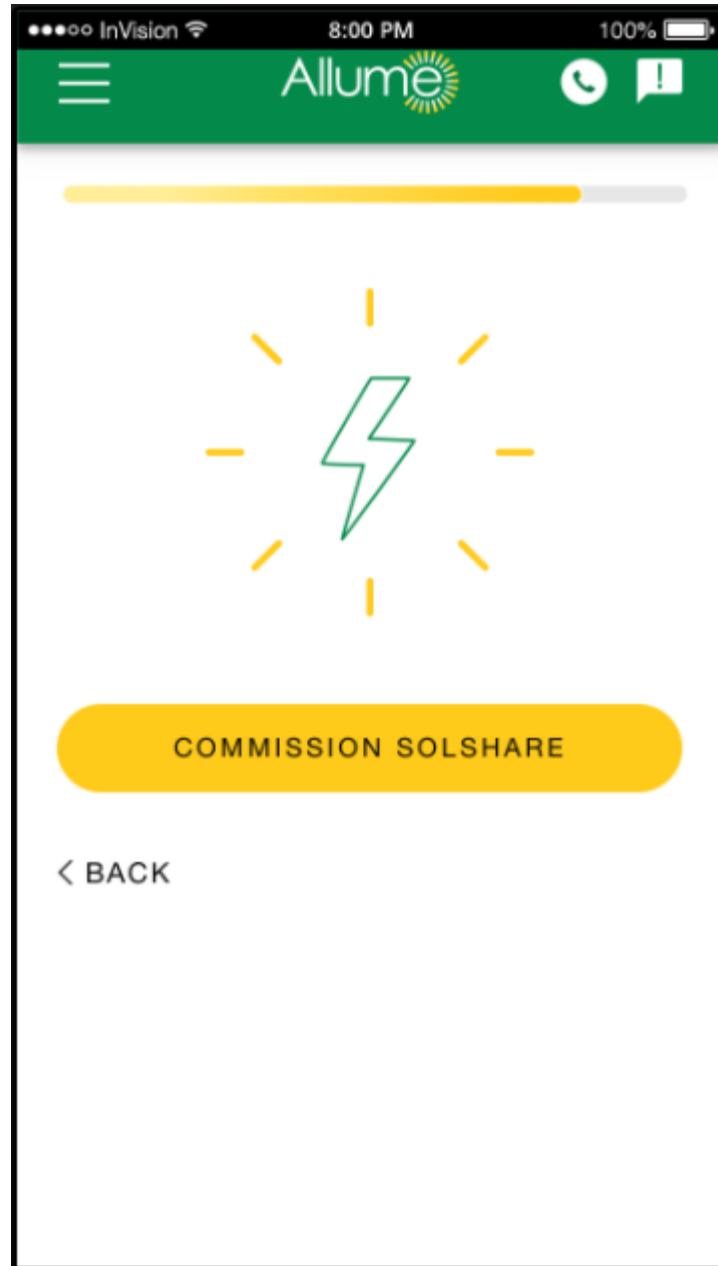
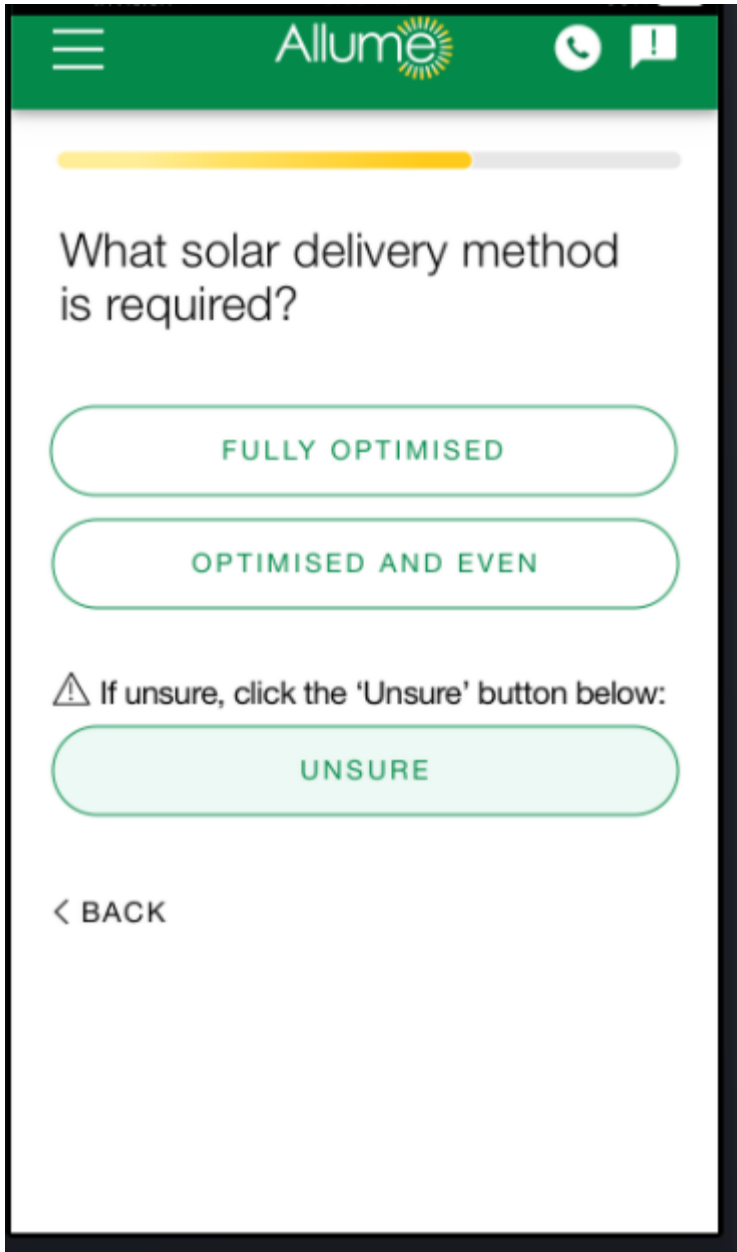
R2, W2, B2

R3, W3, B3

R4, W4, B4

R5, W5, B5

Then you will have an opportunity to review the entries

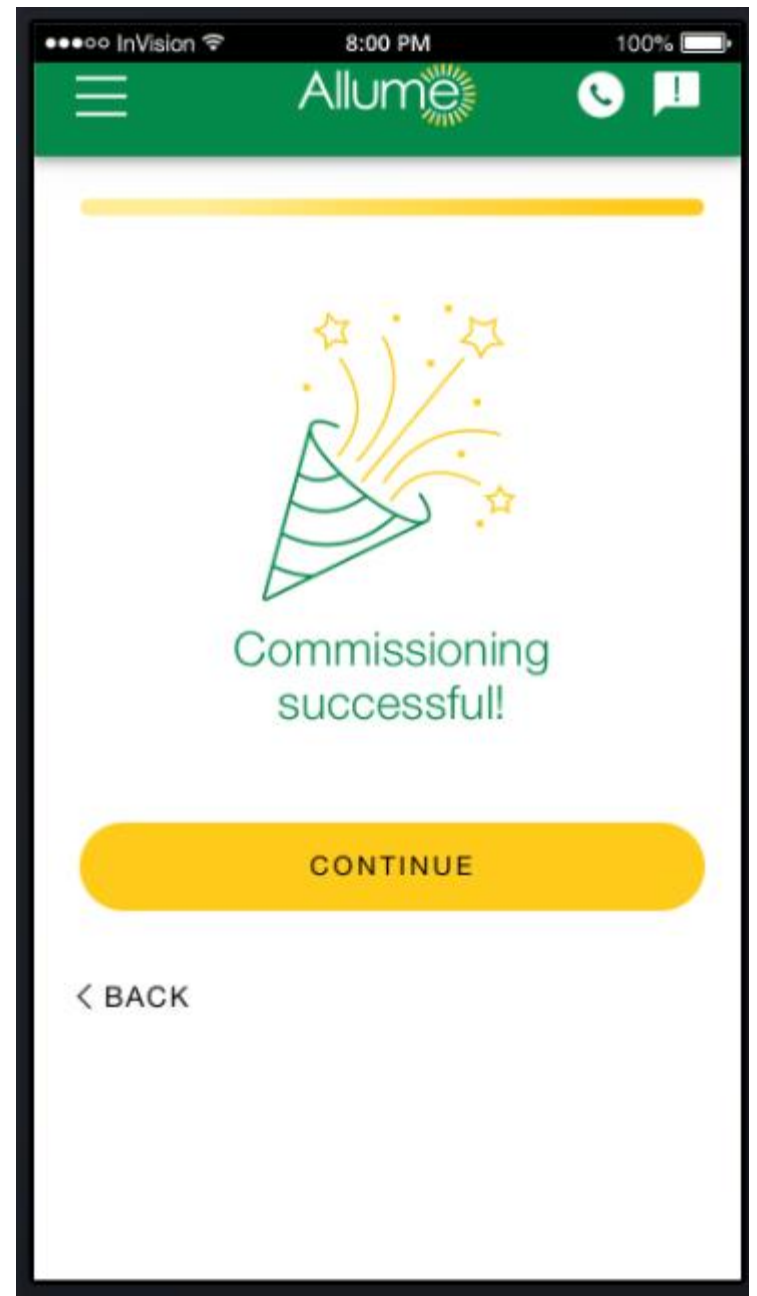
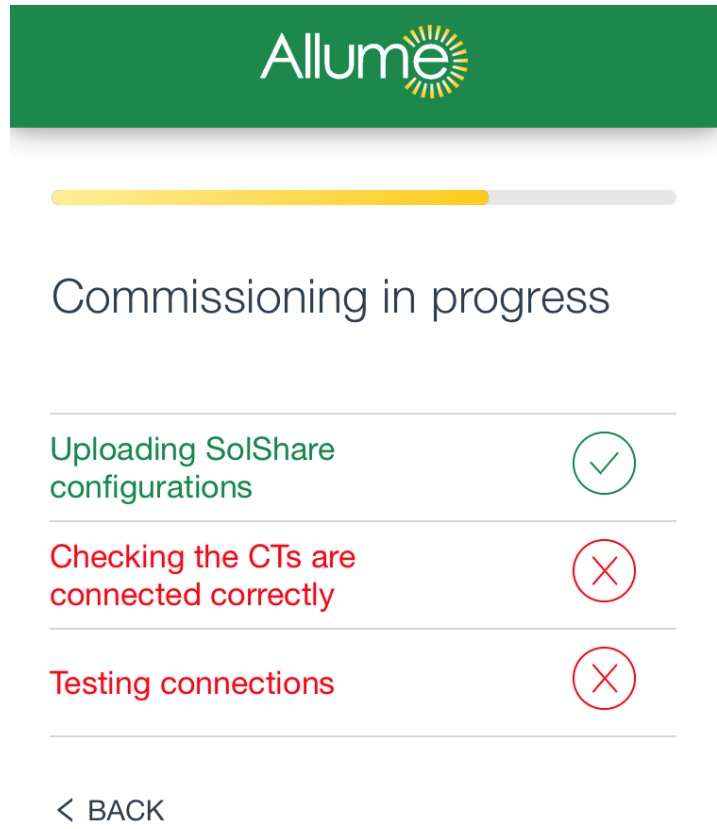
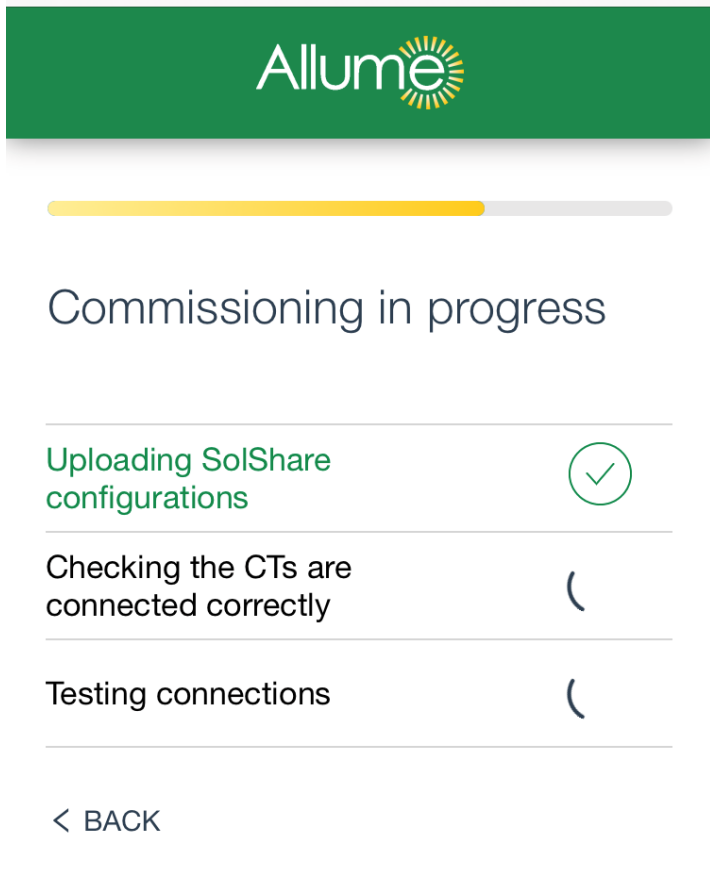


Please enter the solar delivery method.

“Fully Optimised” will utilise the maximum amount of Solar rather than push power to the grid

“Optimised and Even” will allocate solar and it will attempt to balance the solar delivered to each connected unit in a phase over the period of a month

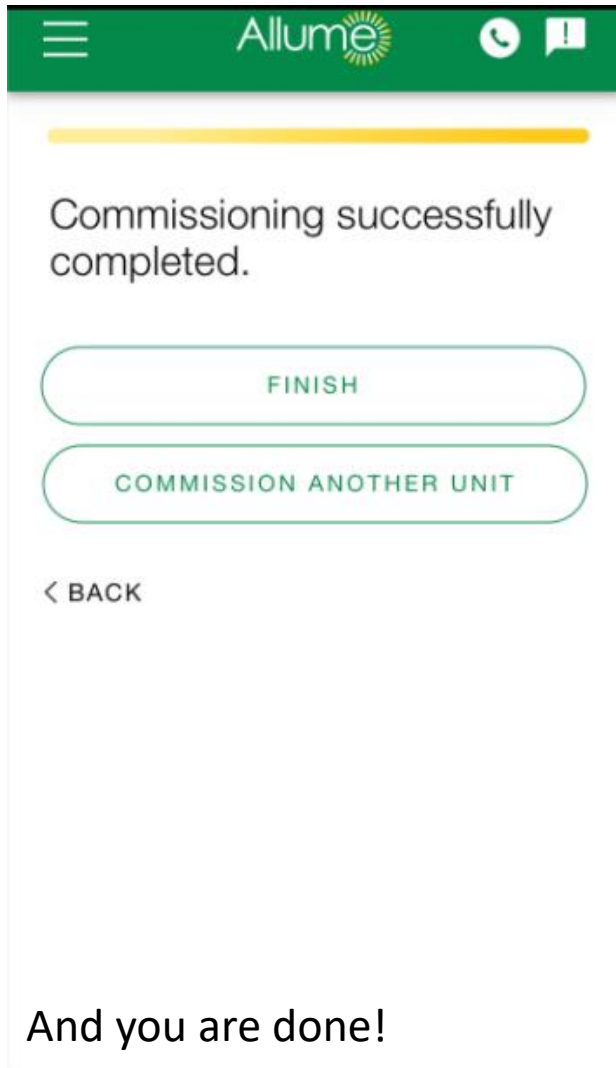
After this you will get the option to “Commission SolShare”



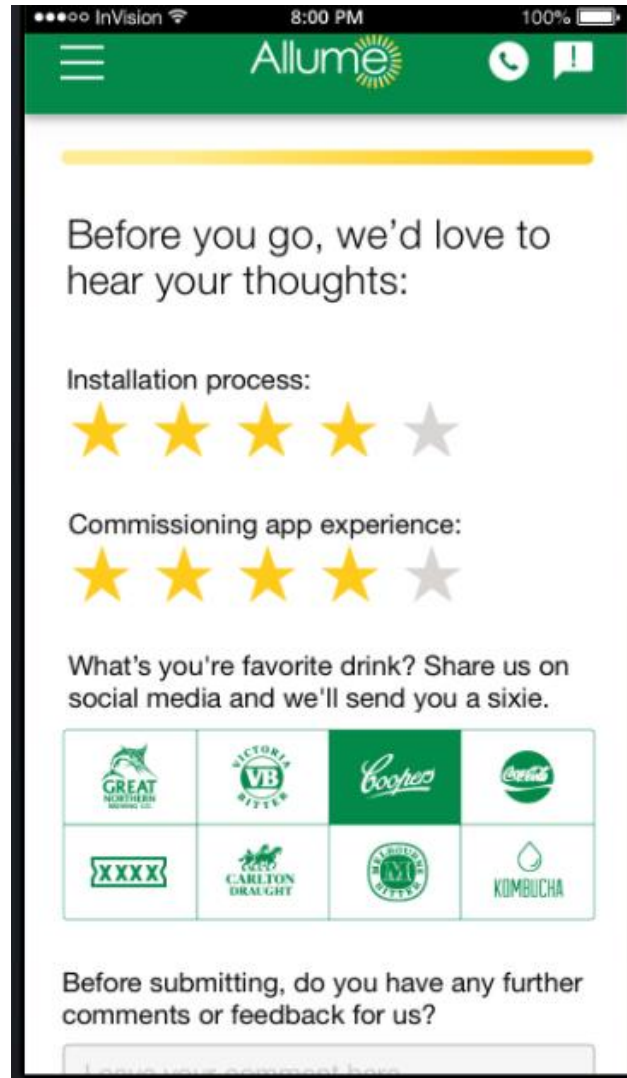
The SolShare will step through a number of checks.

1. it will check connectivity and will upload the configurations to the SolShare
2. It will check the CT's are connected correctly
3. It will test each of the relays and connections which have been marked as connected

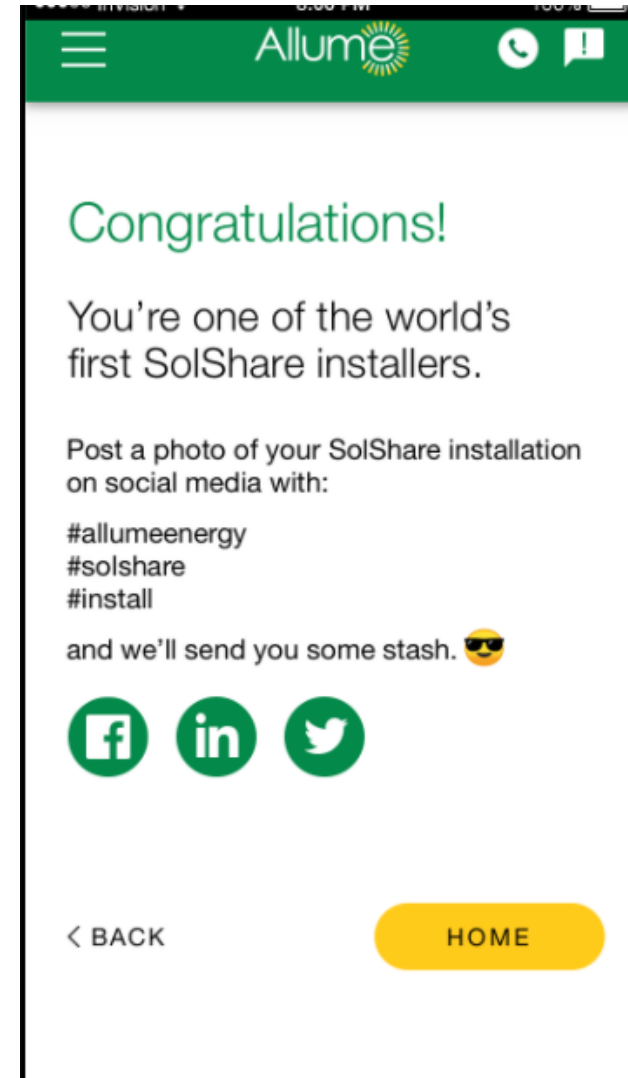
If this is all correct, you will get the "Commissioning Successful" page, else a red mark will be shown against the failed checks.

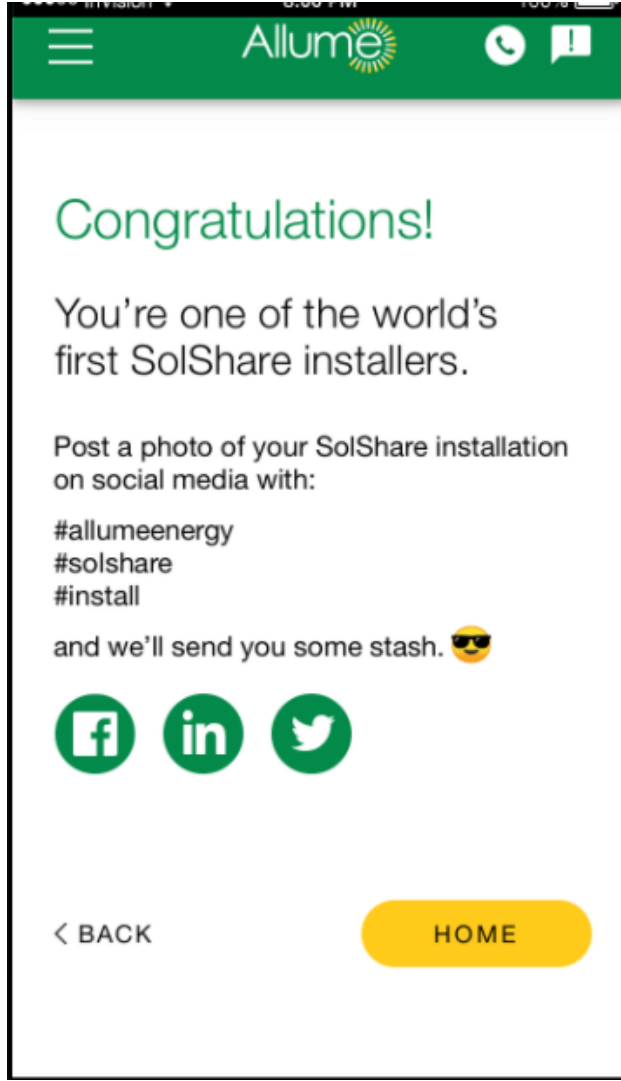


You can commission another SolShare or move on to give us feedback.



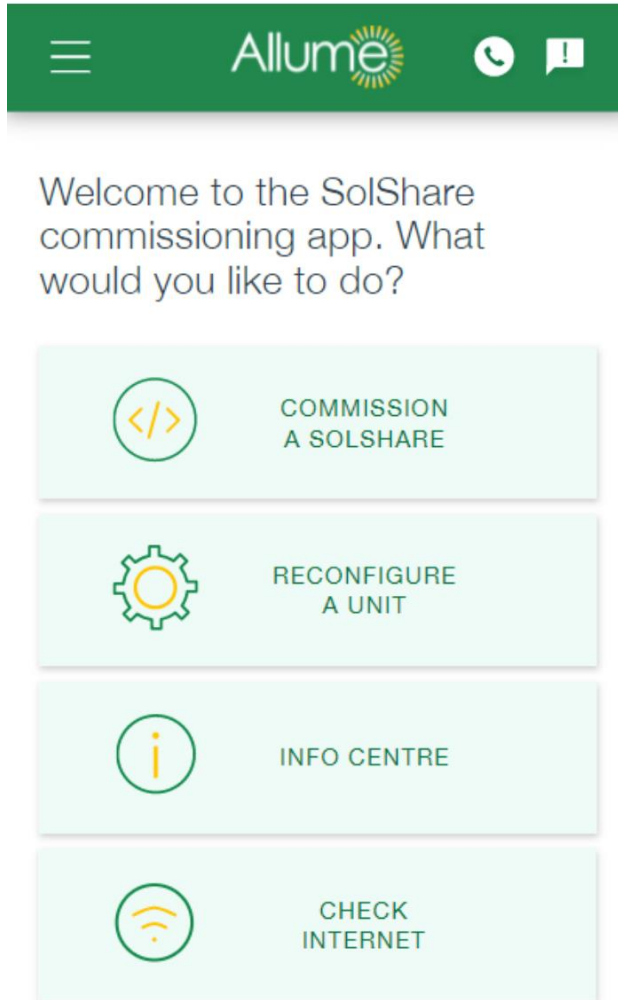
If you give some feedback, take photos and post on social media with our hashtag **#allumeenergy #solshare #install** we will arrange a six pack for you 😊



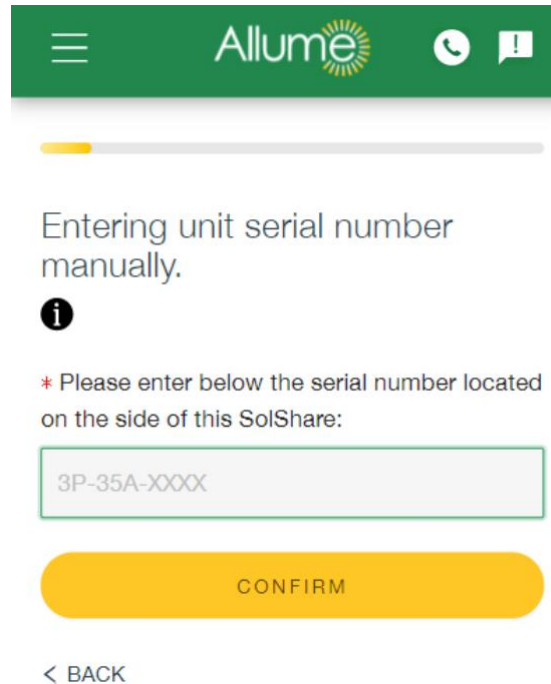


- In addition, where possible, please send Allume photos of the following:
- Terminal blocks inside the SolShare showing input and output connections
 - Installation Manual p. 6 with list of outputs and tenancy connections.
 - Whole installation site conditions (including where possible: MSB/inverter/Solshare, room space, lighting, etc.)
 - Location of inverter/MSB (e.g. entrance to the room or with background outside etc.)
 - The front of the building (street view)
 - Inside the MSB or meter panel, showing SolShare POCs and CTs

Check Internet

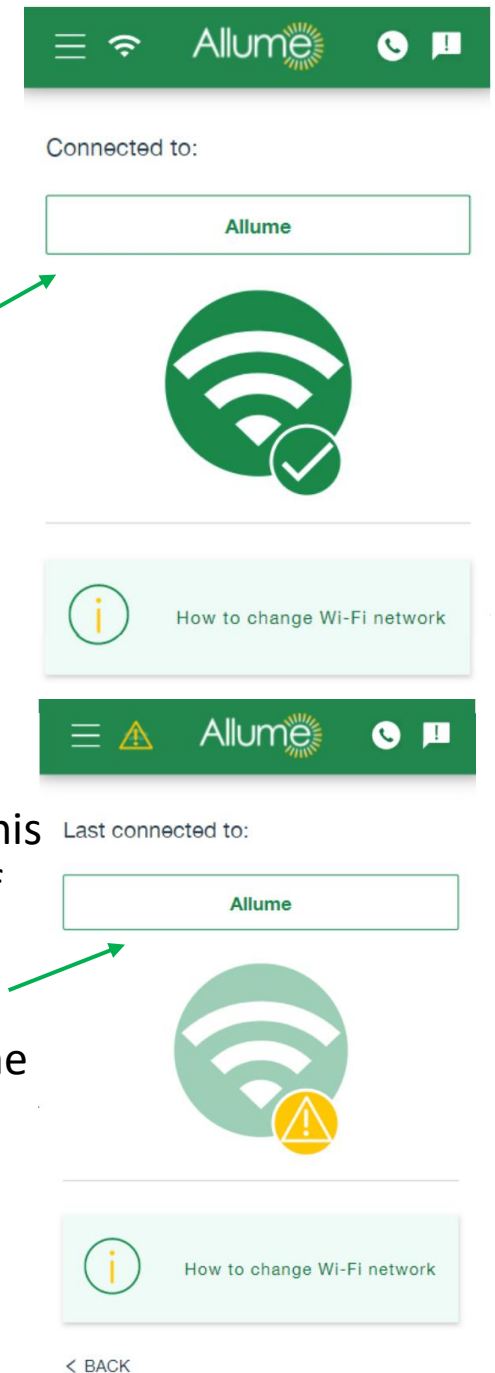


Choose the last option



Enter the serial number of the SolShare you want to check internet for

If the SolShare is connected to the internet, you will see this screen with the SSID of the network shown in the green box above the icon



If the SolShare is not connected to the internet, you will see this screen with the SSID of the network it was last connected to shown in the green box above the icon