

### SkyBox XCT Install Guide

**NOTE:** Screens shown here are used as examples only. Values will vary.

#### Tools Needed:

- Small flathead screwdriver (jeweler's size)
- Pair of external current transformers
- Black electrical tape (optional)
- Red electrical tape (optional)

#### Wiring Steps:

1. Determine where the XCT pair will be placed. Typically, these are placed on the main utility input to the home/site.
2. **RECOMMENDED:** Mark one XCT with red electrical tape near the CT and near the end of the connecting wires. This will help identify the wires when connecting to the SkyBox.
3. **RECOMMENDED:** Mark the remaining XCT with black electrical tape near the CT and near the end of the connecting wires.
4. Place the black tape marked CT on L1 with the wires facing the SkyBox. Also note that this equates to the arrow pointing away from the SkyBox.
5. Place the red tape marked CT on L2 with the wires facing the SkyBox as shown in the photo below.

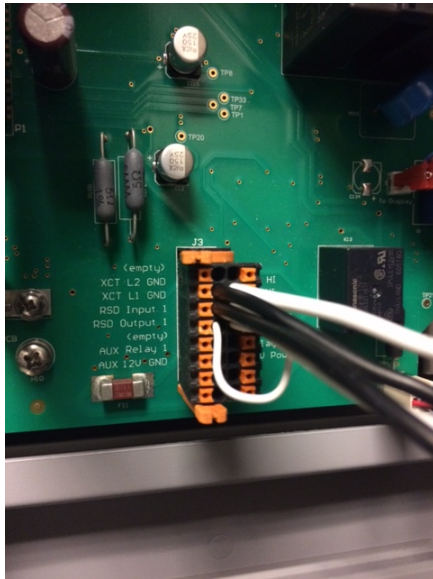


SkyBox



Utility

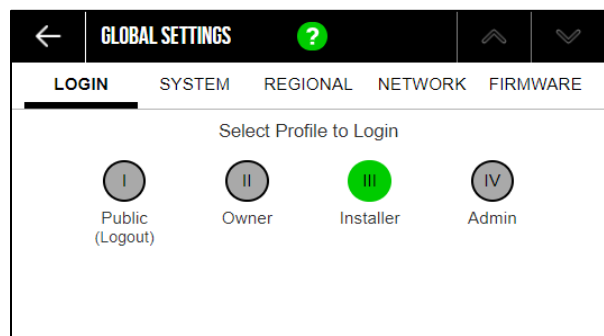
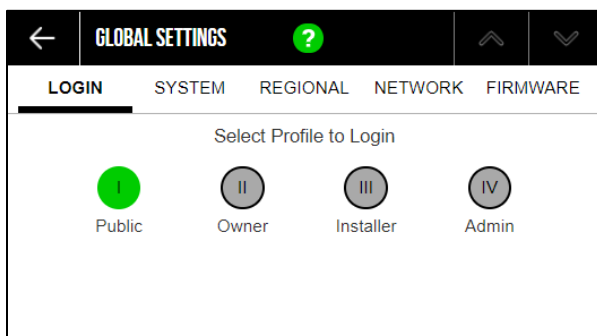
- Using the small jeweler's screwdriver, connect the L1 XCT to the orange and black terminal in the SkyBox in the row marked **XCT L1 GND/Hi**. The white wire is connected on the side marked **Hi** (right). The black wire is connected to the side marked **GND** (left). This connection is shown in the picture below.



- Using the small jeweler's screwdriver, connect the L2 XCT to the orange and black terminal in the SkyBox in the row marked **XCT L2 GND/Hi**. The white wire is connected on the side marked **Hi** (right). The black wire is connected to the side marked **GND** (left).

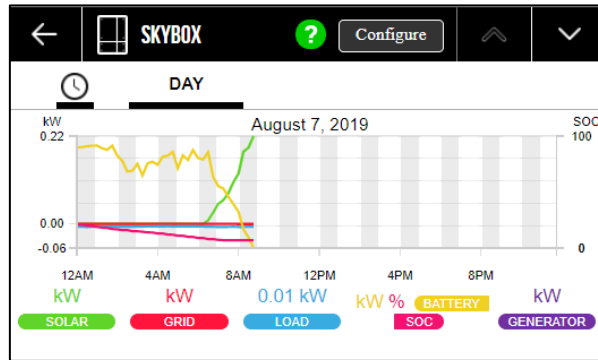
## Programming Steps:

- From the home screen display, tap the gear icon in the upper right hand corner of the screen.
- Under the **LOGIN** tab, log in as **Installer**. The default password is **1234**.



- Tap the back arrow to go back to the home screen.

4. Tap the SkyBox icon in the upper right to reach the screen shown below.



5. Tap the **Configure** button.
6. Tap the **Edit** button.
7. Using the down arrow in the upper right corner, page down once to the **Setup – CT Type** screen shown below.

The screenshot shows the 'SETUP - CT TYPE' configuration screen. It features four input fields: 'CT type' with a dropdown menu currently set to 'None', 'Rated current' with a text box containing '200', 'Phase shift (degrees)' with a text box containing '0', and 'Turns ratio' with a text box containing '2000'. An 'Apply' button is positioned in the top right corner of the screen.

8. Using the drop down list, select either the OB CT-1000 or custom.

**NOTE:** If using the 200A XCT from OutBack, select the OB CT-1000. If using the 100A XCT from OutBack, select custom, and enter 100 for the rated current and 1000 for the turns ratio.

This screenshot shows the 'SETUP - CT TYPE' screen after configuration. The 'CT type' dropdown menu is now set to 'OB CT-1000'. The other fields remain the same: 'Rated current' is 200, 'Phase shift (degrees)' is 0, and 'Turns ratio' is 2000. The 'Apply' button in the top right corner is highlighted in green, indicating it is the active element.

9. Tap **Apply** and save changes.

## **About OutBack Power**

OutBack Power is a leader in advanced energy conversion technology. OutBack products include true sine wave inverterchargers, maximum power point tracking charge controllers, and system communication components, as well as circuit breakers, batteries, accessories, and assembled systems.

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## **Other**

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