



### IMPORTANT SAFETY INFORMATION

#### SAVE THESE INSTRUCTIONS

- All components must be installed and maintained by qualified personnel in accordance with applicable electrical codes.
- Always wear appropriate PPE and use insulated tools.
- Improper installation may cause damage not covered by the warranty.



[Download](#) the latest documentation with important updates.



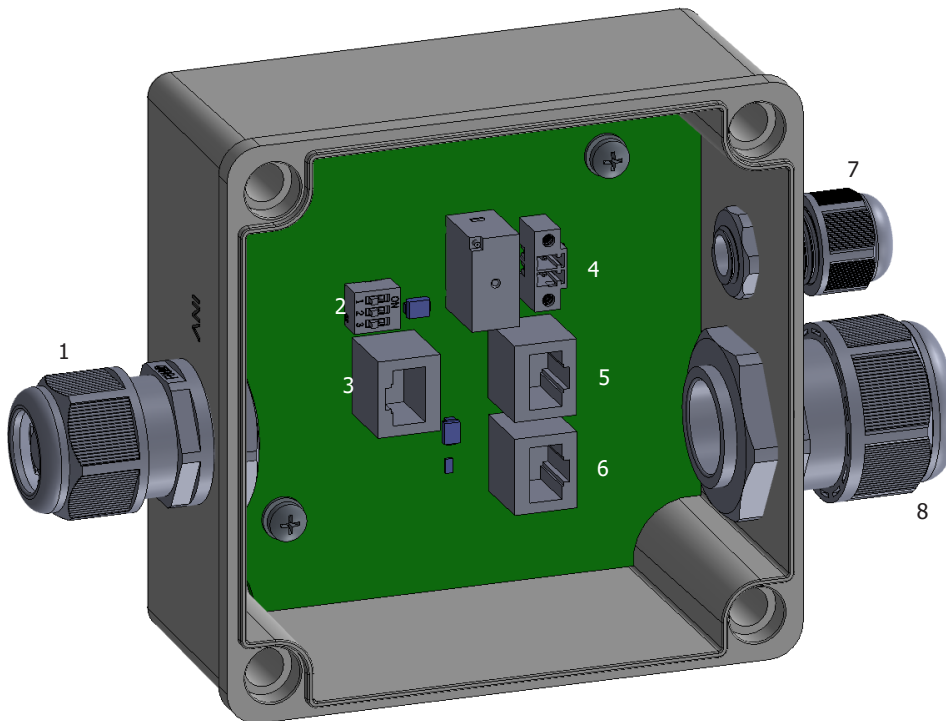
## Overview

The GO Junction must be installed as an addition to a commissioned Tigo EI Residential Solar Solution (EU).

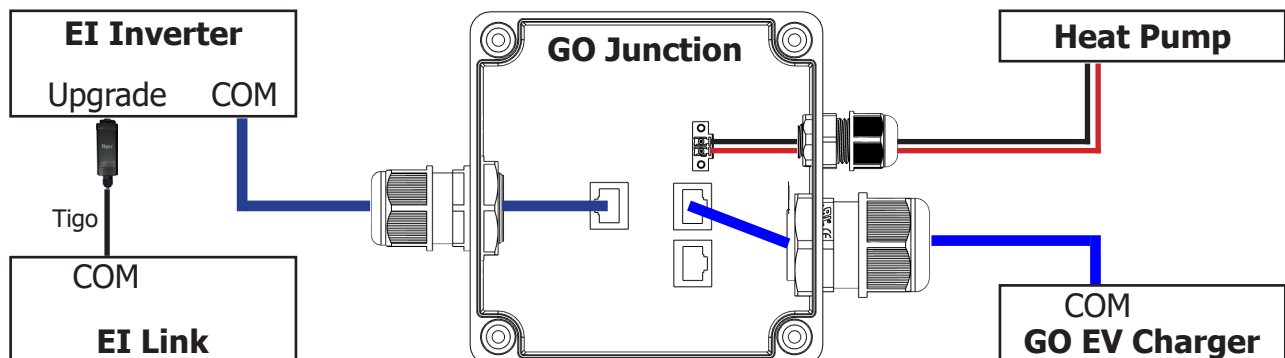
To install the GO Junction, you will:

- Mount the GO Junction on a wall protected from direct sunlight, rain, and snow.
- In the Tigo EI mobile app, update EI solution firmware and add the GO Junction.

- Connect a new COM cable (provided) between the EI Link and the EI Inverter. This step is not needed if a Tigo GO EV Charger has been installed.
- Connect the GO Junction to the EI Inverter, heat pump, and GO EV Charger (if installed).



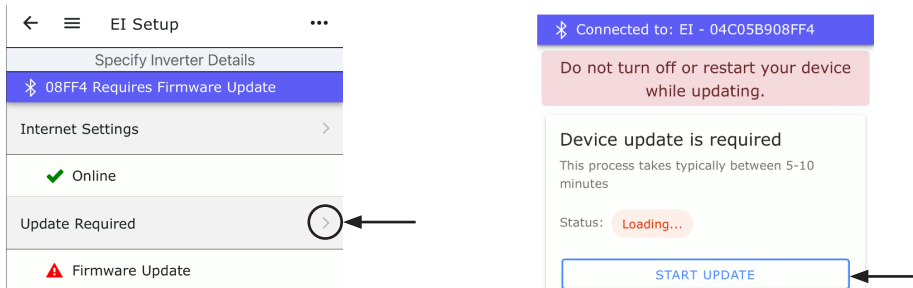
- 1 Inverter cable entry
- 2 DIP switches (not used)
- 3 EI Inverter terminal
- 4 Heat pump terminal
- 5 GO EV Charger terminal
- 6 Auxiliary terminal (not used)
- 7 Heat pump cable entry
- 8 GO EV Charger cable entry



### 1. Update System Firmware in the EI App

Within Bluetooth range of the inverter, open the EI app on your mobile device.

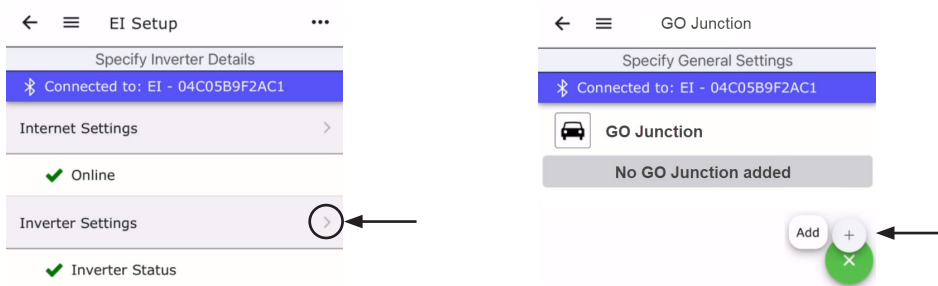
1. Tap the Settings gear icon and tap *Edit System > Select Equipment > Inverters > VIEW DETAILS > CONNECT*.
2. If *Firmware Update* appears, tap *Update Required > START UPDATE*.



### 2. Add the GO Junction in the EI App

After all firmware is updated:

1. Tap *Inverter Settings > Advanced Settings > GO Junction > Add*.

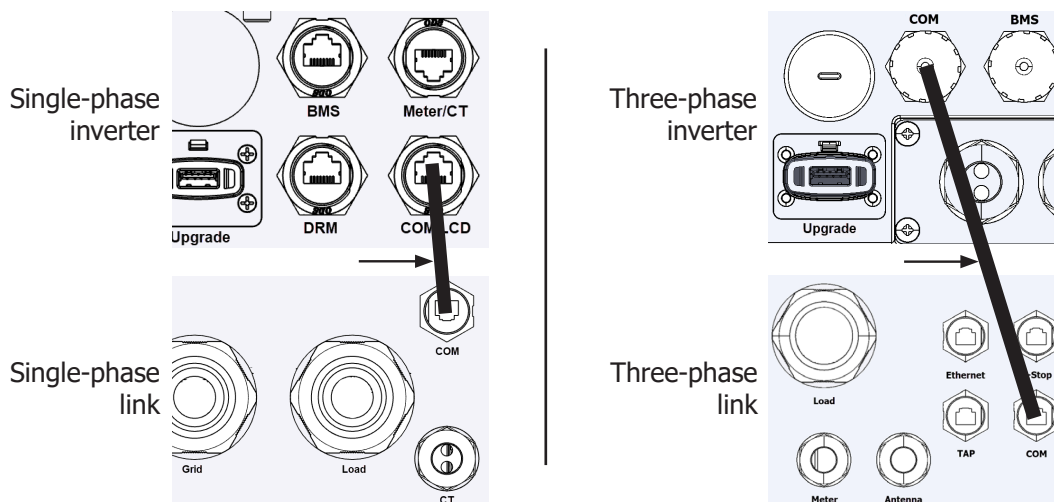


2. Scan the barcode on the side of the GO Junction and tap *SAVE BARCODE*.



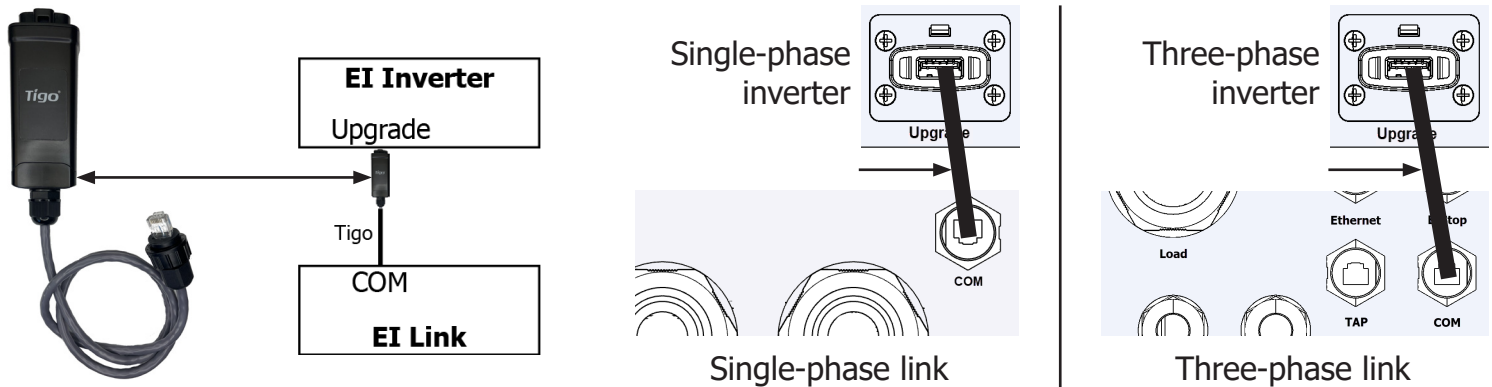
### 3. Remove the Existing Inverter-to-Link COM Cable (RJ-45 to RJ-45)

Save for later use as the inverter-to-GO Junction COM cable. Skip this step if a GO EV Charger is already installed.



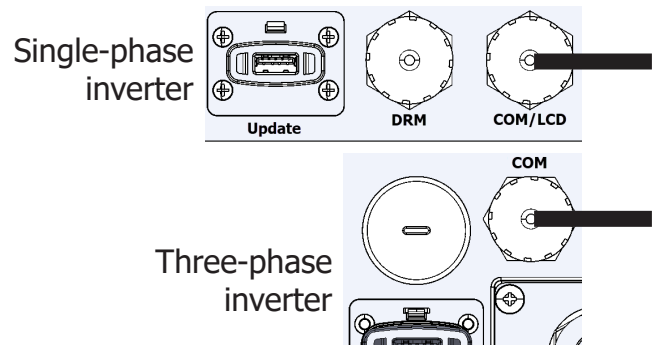
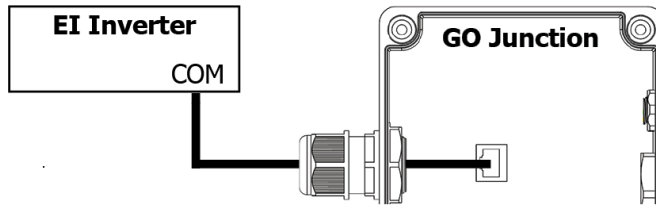
### 4. Connect the New Inverter-to-Link COM Cable (USB-A to RJ-45)

Skip this step if a GO EV Charger is already installed.



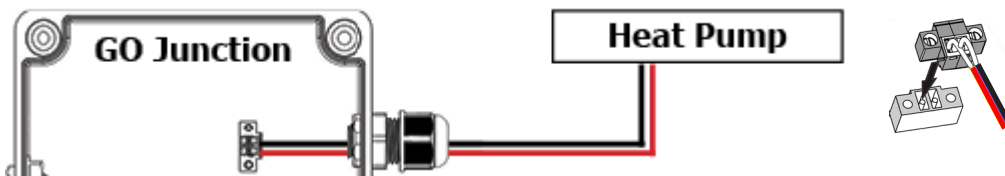
### 5. Connect the GO Junction to the Inverter COM Port (RJ-45 to RJ-45)

1. If a GO EV Charger is already installed, disconnect its COM cable from the inverter COM port.
2. Use the COM cable to connect the inverter and GO Junction.
3. At the GO Junction, run the cable through the INV port to its RJ-45 terminal.



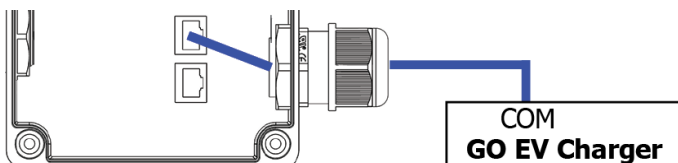
### 6. Connect a Heat Pump to the GO Junction

Refer to heat pump documentation to connect conductors at the heat pump.



### 7. Connect a GO EV Charger to the GO Junction (RJ-45 to RJ-45)

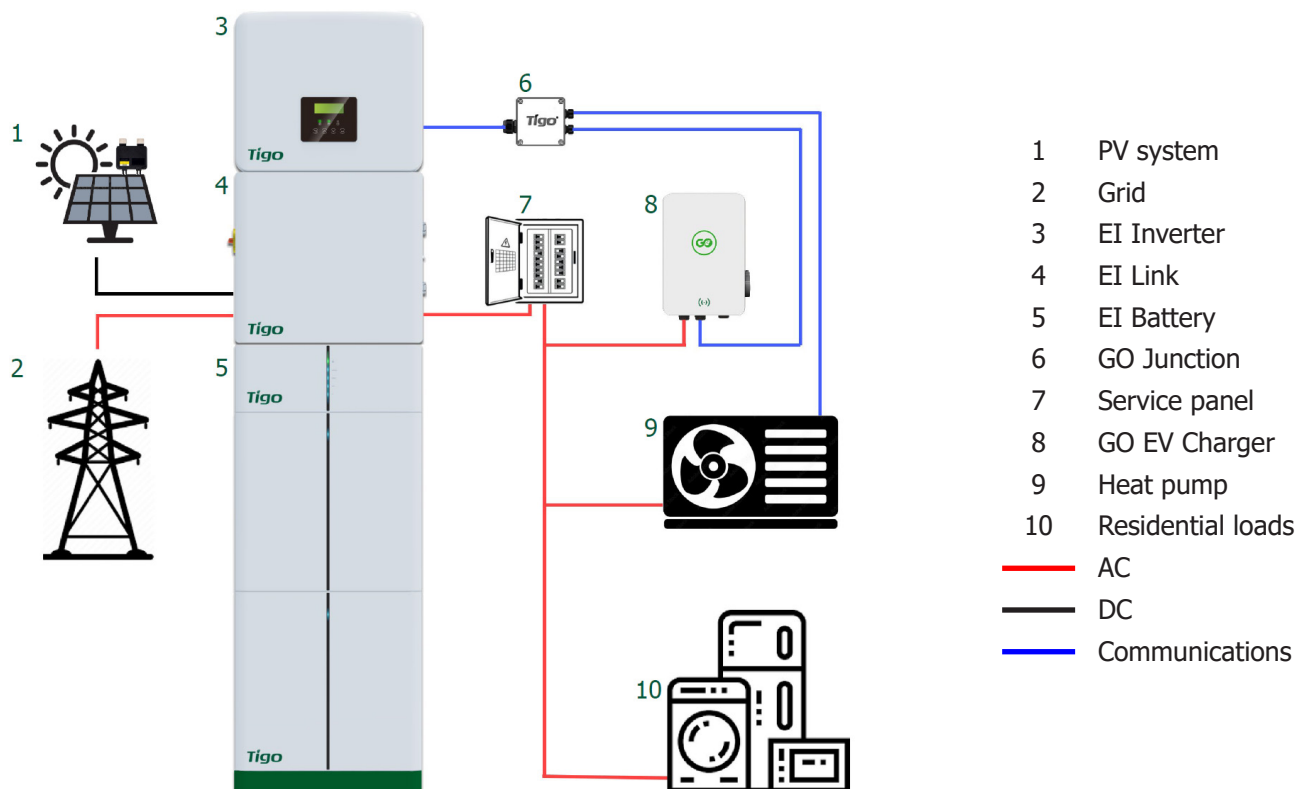
Use the cable that previously connected the GO Junction to the inverter COM port.



### 8. Complete Commissioning in the EI App

Follow any prompts in the EI app to complete the installation and commissioning process.

### EI System Architecture



### Specifications

|                             |                   |
|-----------------------------|-------------------|
| Maximum switch current      | 5 A               |
| Maximum switch voltage      | 277 V             |
| Bypass communications       | 2 RS-485 ports    |
| Dimensions (H/W/D)          | 125 x 125 x 75 mm |
| Weight                      | 0.4 kg            |
| Operating temperature range | -30 ~ 60 °C       |
| Outdoor IP rating           | IP65              |
| Mounting location           | Wall              |

All specifications subject to change without notice.

### Resources

