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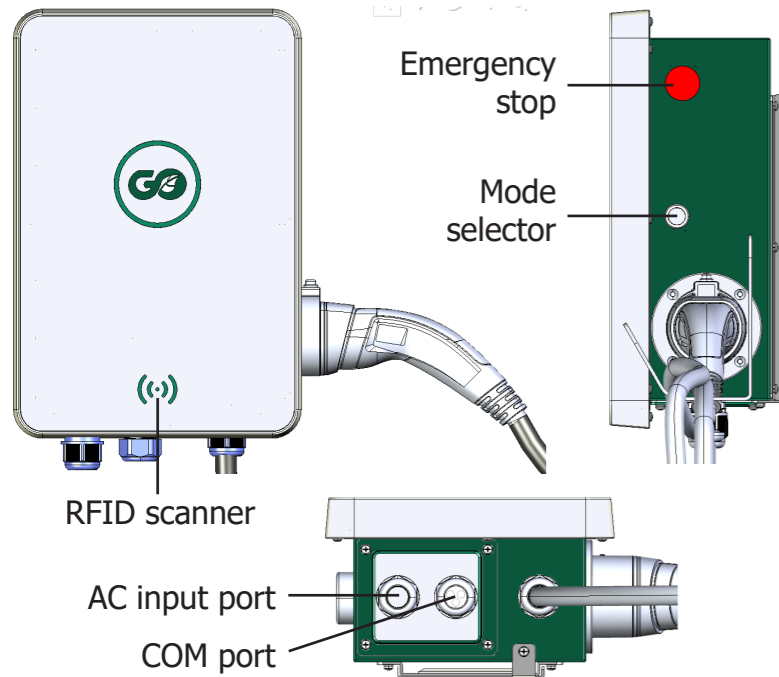
### IMPORTANT SAFETY INFORMATION SAVE THESE INSTRUCTIONS

- 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.



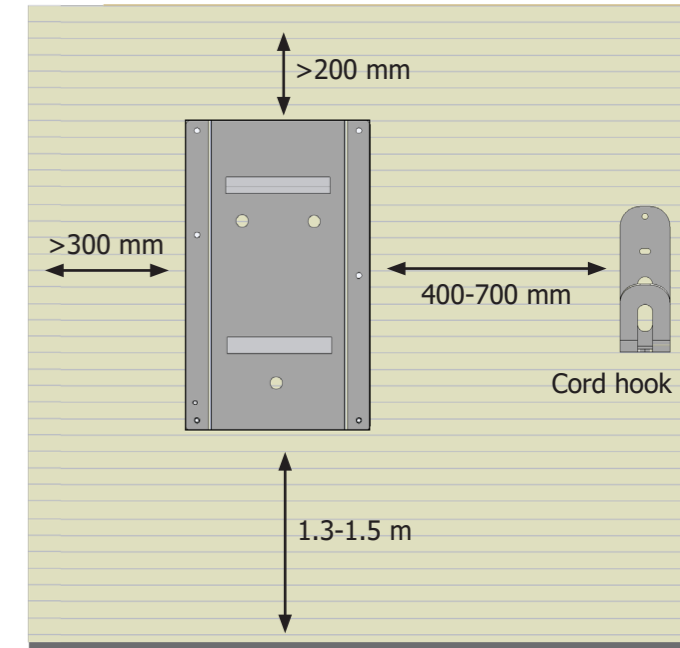
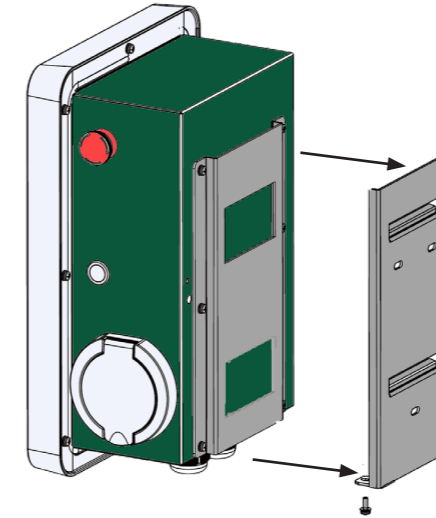
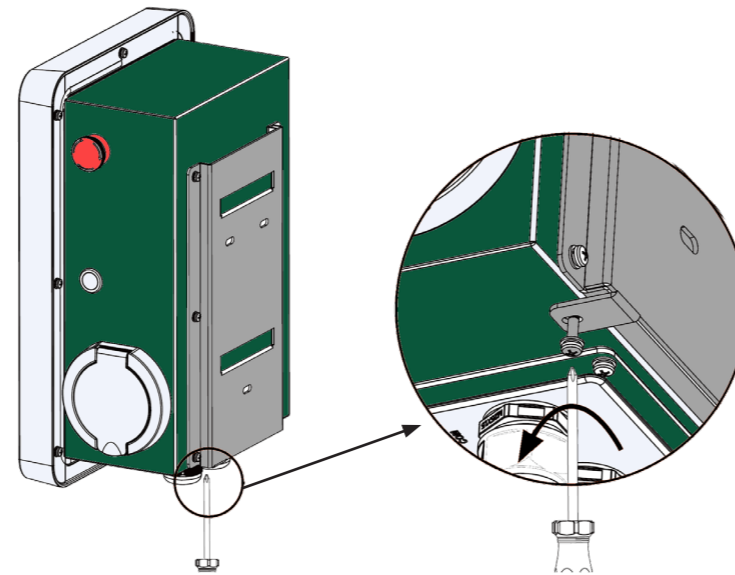
The charger must be installed alongside an operable Tigo residential solar system. You will:

1. Mount the wall bracket and cord hook.
2. Connect AC conductors and a COM cable to the charger.
3. Commission the charger in the EI app. During commissioning, you will reconfigure system COM cables.



### Mount the Wall Bracket and Cord Hook

- Operating temperature range: -30° – 50 °C
- Relative humidity: 5 – 95%
- Protect from direct sun and precipitation

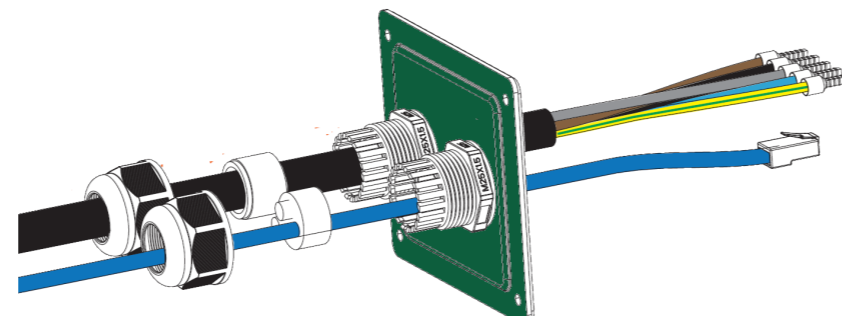
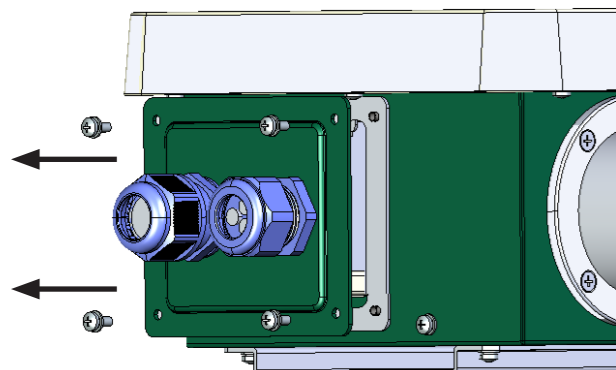


Hang and attach the charger on the wall bracket after connecting AC conductors and the COM cable.

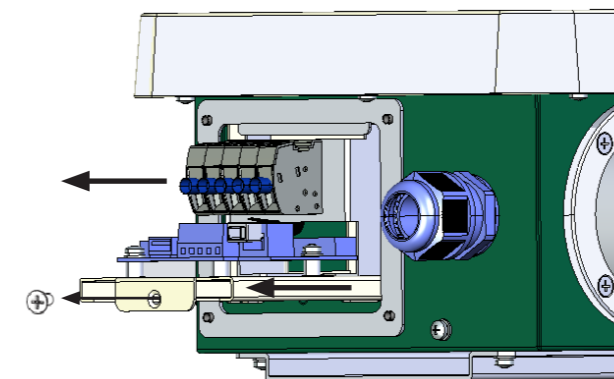
### Connect AC Conductors and the COM Cable to the Charger

Torque all connectors to NN Nm.

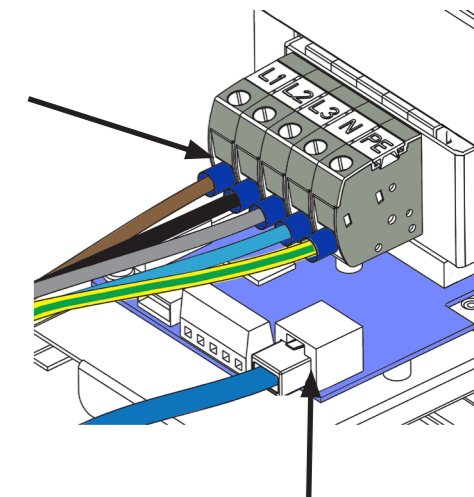
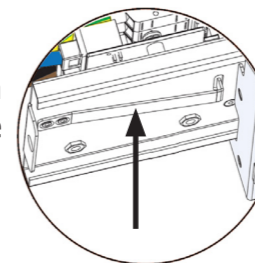
1. At the AC essential loads panel, install a Type A RCD with a trip current  $\leq 30$  mA.
2. Connect phase, neutral, and ground conductors to the charger:
  - Single phase: three-core wire (L1, N, PE)
  - Three phase: five-core wire (L1, L2, L3, N, PE)
  - Wire: solid copper, 10 mm<sup>2</sup> gauge, 12.5 – 18 mm O.D.
3. Connect a straight-through CAT5/6 cable with RJ-45 connectors to the charger.



Always crimp provided ferrules onto AC conductors.



Press the clip on the bottom to slide the wirebox back:





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## Commission and Connect the Charger



The charger must be installed alongside an operating, updated Tigo residential solar system. The process of commissioning and connecting the charger must be run in several steps using the EI mobile app.

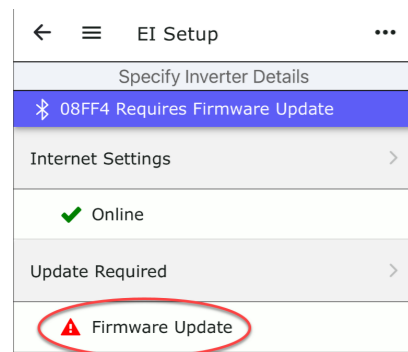
The process includes:

1. Updating system firmware in the EI app.
2. Removing the existing inverter-to-link COM cable.
3. Connecting the new inverter-to-link COM cable.
4. Connecting the charger COM cable to the inverter.
5. Adding the EV Charger in the EI app.

### 1. Update System Firmware

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

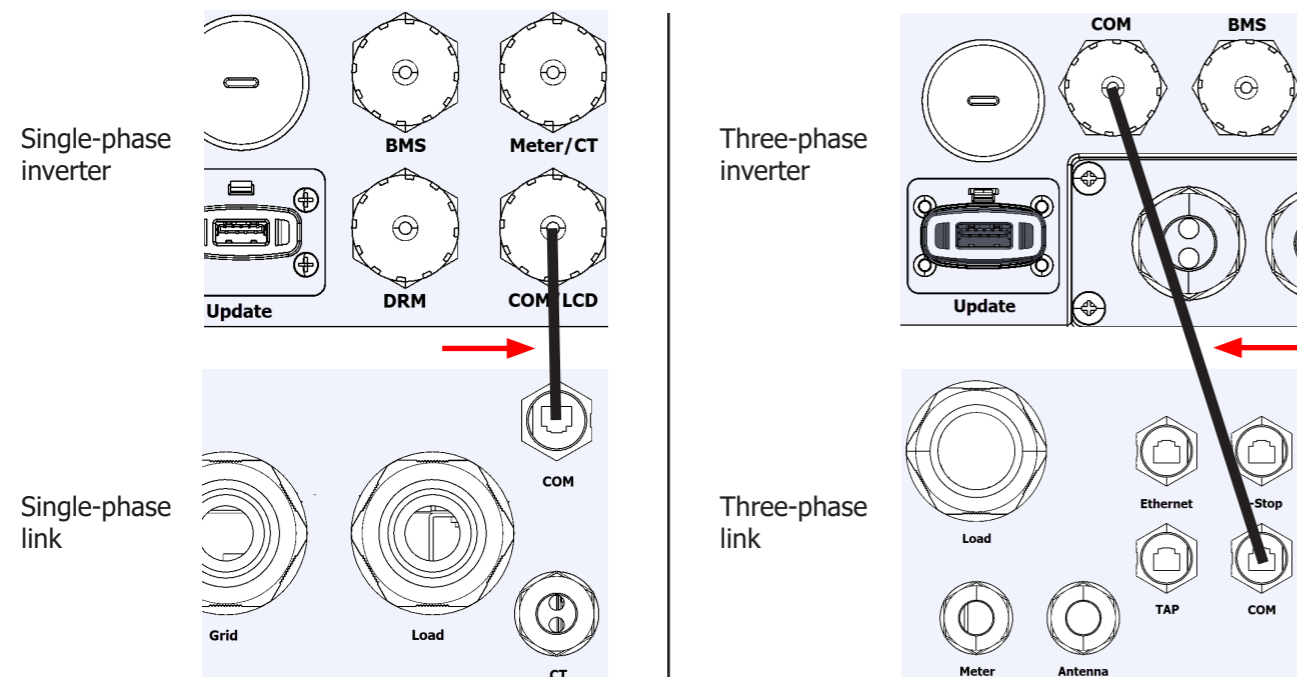
1. Tap the Settings icon and tap *Edit System > Select Equipment > Inverters > VIEW DETAILS > CONNECT.*
2. If *Firmware Update* appears, tap *Update Required >*.



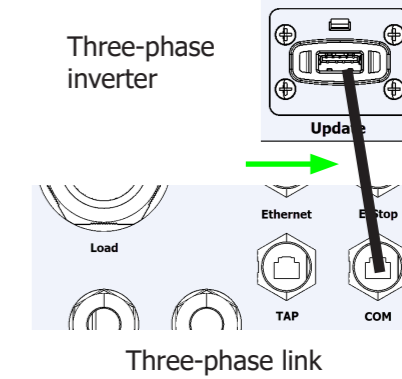
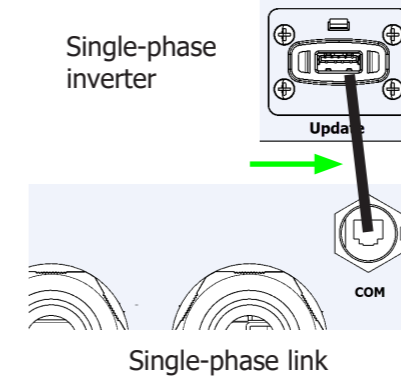
3. After updates are complete, remove and connect COM cables as shown in steps 2-4 before continuing commissioning in the EI app (step 5).

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

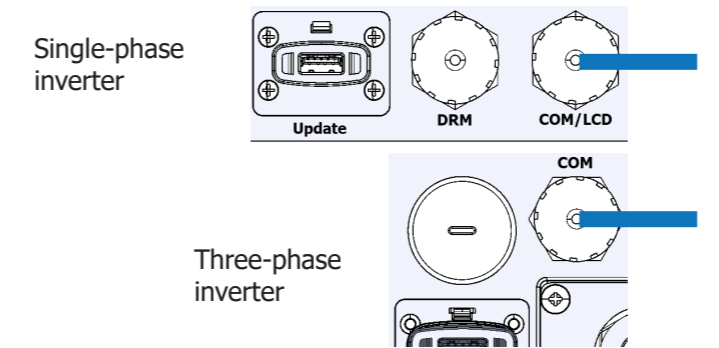
After firmware updates are complete, remove the existing inverter-link COM cable.



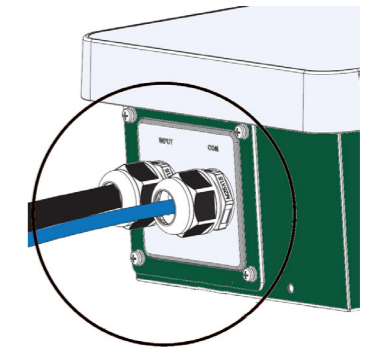
### 3. Connect the New Inverter-to-Link COM Cable (USB-A to RJ-45)



### 4. Connect the Charger COM Cable to the Inverter (RJ-45 to RJ-45)



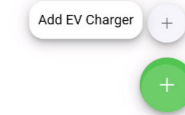
Connect the CAT5/6 COM cable to the inverter COM port using the waterproof connector included in the Accessories bag.



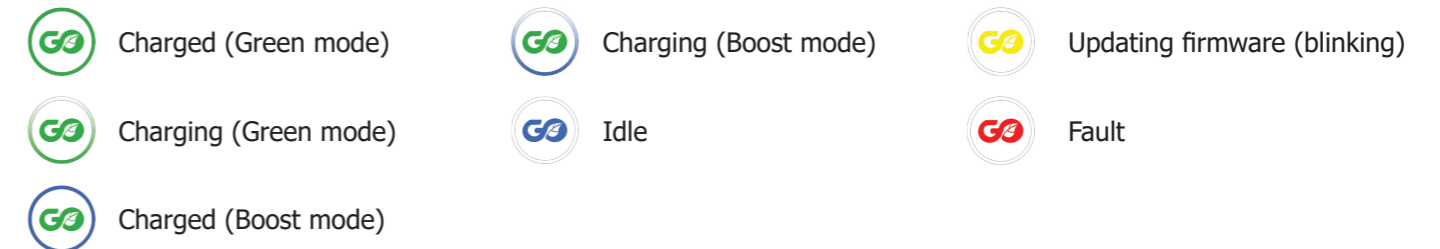
### 5. Add the EV Charger in the EI App

In the EI app:

1. Tap the Settings icon and tap *Edit System > Select Equipment > Inverters > VIEW DETAILS > CONNECT.*
2. Tap *Inverter Settings > Advanced Options > EV Charger.*
3. Tap the green Add icon, tap *Add EV Charger*, and follow the prompts.



### Status LEDs



### Resources



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