

FranklinWH aGate X EMS Module Replacement Guide: AU & NZ


Overview

This guide provides instructions to safely remove and replace the aGate X EMS Module, commission the system, and ensure that the correct QR code is scanned during commissioning.

Spare parts	SKU
EMS Module	SP-AUAGT-EMS-0
4G Module	SP-AUAGT-ANTENNA-0

Safety Precautions

DANGER

 Prior to replacing the aGate EMS Module, ensure that all breakers are turned OFF and the system is fully de-energized.

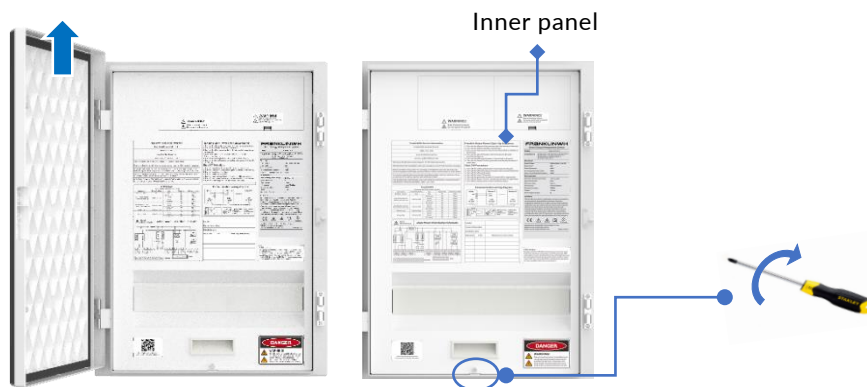
Use a multimeter to verify 0 V at all terminals before proceeding.

Wear appropriate PPE for personal safety.

Replacement Procedures

Remove the EMS Module

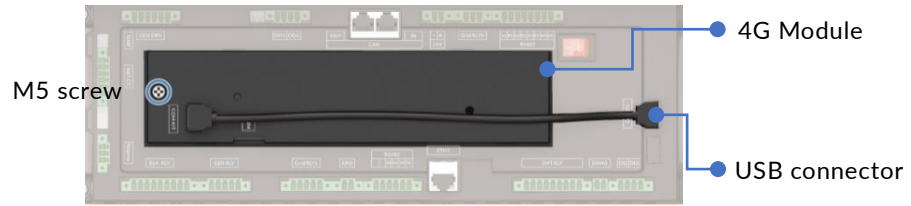
Step 1. Open the aGate door and lift upwards to remove it. Use a Phillips screwdriver to loosen the M5x12 screw and remove the inner panel.



Step 2. Use a Phillips screwdriver to remove the four M5 captive screws, then disconnect all the cables connected to the EMS Module.



Step 3. Loosen the M5 captive screw on the 4G Module. Unplug the USB connector from the **Com Kit** port.



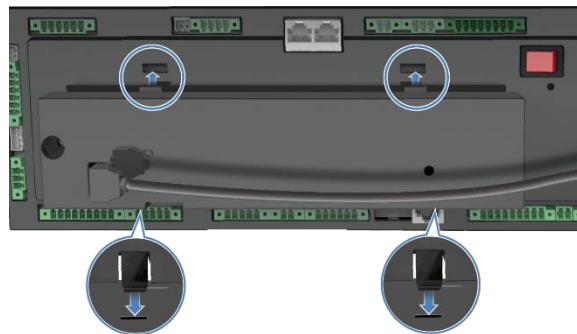
Step 4. Gently press the bottom tabs and pivot the 4G Module outwards to remove it.



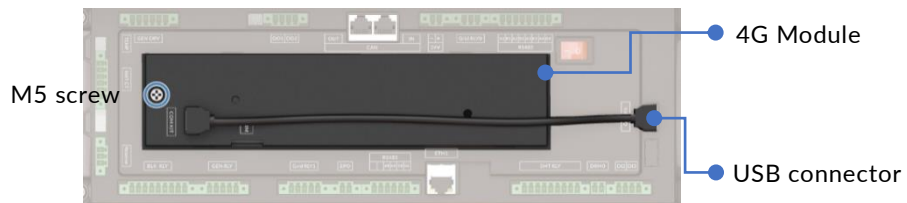
Step 5. Completely remove the EMS Module from the aGate.

Install the New EMS Module

Step 1. Install the 4G Module onto the new EMS Module. Insert the top tabs of the 4G Module into the EMS Module slots, then press the bottom down until it clicks into place.



Step 2. Reconnect the USB connector. Tighten the M5 screw to secure the 4G Module.



Step 3. Use a Phillips electric torque screwdriver to fasten the four M5 captive screws to the aGate chassis. Tighten to a torque of 2.21 lb·ft (3.0 N·m).

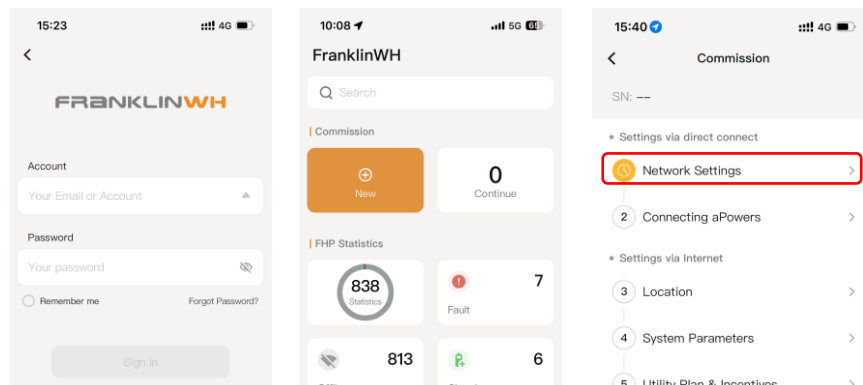


Step 4. Reconnect all relevant cables according to the printed text.



Step 5. Re-commission the FranklinWH System.

- a) Login to the FranklinWH App with your installer account, tap **New** to establish a new commissioning. Then, tap **Network Settings**.



- b) Scan the QR code on the new EMS Module.
The commissioning steps are the same as before. **The only difference is that you must scan the QR code (10130048xxxxxxxxxxxx) on the new EMS Module instead of the old one on the 4G Module.**



Note: System historical data is stored by SN, and all past data remains accessible under the old SN on the 4G Module.

- c) Refer to the **Commissioning Guide** to complete the remaining procedures.

Step 6. Visually inspect the system, check the relevant data in the app, and confirm that commissioning is successful.

Step 7. Reinstall the aGate inner panel and aGate door.