EMCPII+ One Link Install

Parts list:

(1) One Link with magnetic mounts

(1) 4G LTE Antenna/GPS Antenna

(2) Lever wire connectors

(1) Battery wiring harness with inline fuse
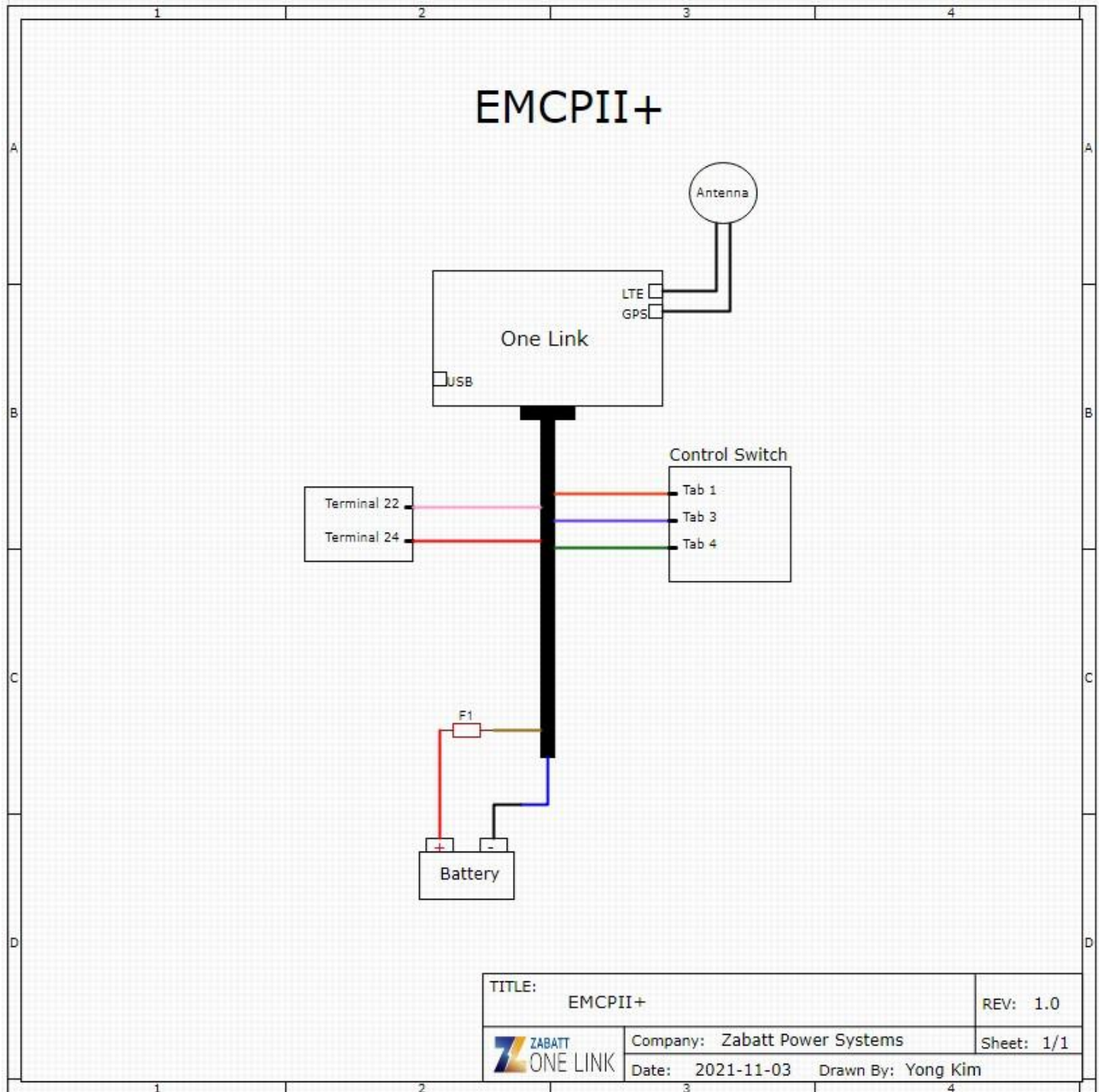
(1) OLSC005 serial cable

(2) Zip ties

Installation Instructions:

1. Put the generator in stop mode.

2. Disconnect the positive battery terminal. (**Do not reconnect the positive battery terminal until step 18.)**

3. Using the magnetic mounts, mount the One Link inside of the generator enclosure close to the controller. (**Be sure the mounting location is away from weather exposure.)**

4. Connect the ring connector on the red wire of the battery wiring harness to the positive (+) battery terminal.

5. Connect the ring connector on the **black** wire of the battery wiring harness to the negative (-) battery terminal.

6. Route the brown wire and blue wire from the One Link I/O cable to the battery wiring harness installed in steps 4 and 5.

7. Using one of the included lever wire connectors, connect the bare **black** wire from the battery wiring harness to the bare blue wire from the One Link I/O cable.

8. Using one of the included lever wire connectors, connect the bare red wire from the battery wiring harness to the bare brown wire from the One Link I/O cable.

9. Route the orange wire from the One Link I/O cable to Tab 1 on the Control Switch.

10. Route the purple wire from the One Link I/O cable to Tab 3 on the Control Switch.

11. Route the green wire from the One Link I/O cable to Tab 4 on the Control Switch.

12. Route the pink wire from the One LInk I/O cable to Terminal 22.

13. Route the red wire from the One Link I/O cable to Terminal 24.

14. Mount the LTE/GPS antenna on the top of the generator.

15. Connect the LTE antenna cable to the top connector on the right side of the One Link.

16. Connect the GPS antenna cable to the bottom connector on the right side of the One Link.

17. Plug the 15 pin connector into the bottom of the One Link, and tighten both screws using a flathead screwdriver.

18. Reconnect the positive battery terminal to the battery.

At this time the One Link will power up and begin communicating with the generator. Please allow 5-10 minutes for the One Link to establish a connection to the internet, and then check the activation screen or your One Link account to ensure the generator's vitals update and the One Link is transmitting data.

EMCPII+

Antenna

LTE
GPS

One Link

USB

Control Switch

Tab 1
Tab 3
Tab 4

Terminal 22
Terminal 24

F1

+ —
Battery

TITLE:	EMCPII+		REV: 1.0
ZABATT ONE LINK	Company: Zabatt Power Systems		Sheet: 1/1
	Date: 2021-11-03	Drawn By: Yong Kim	

EMCPII+ Wiring One Link V3

One Link		Old Gray I/O Cable	New Black I/O Cable		Generator	
Description	One Link Function	Color	Color	Location	Generator Function	
Battery +	Battery +	Red	Brown	Battery +	Battery +	
Battery -	Battery -	Black	Blue	Battery -	Battery -	
K1COM	K1COM	Red (White Stripe)	Orange	Tab 1	Control Switch	
K1NO	K1NO	Red (Black Stripe)	Green	Tab 4		
K2COM	K2COM	Orange	Yellow			
K2NC	K2NC	Orange (Black Stripe)	Gray			
DI1	Close to Ground	Black (White Stripe)	Pink	Terminal 22		
DI2	Close to Ground	Blue (Black Stripe)	Red	Terminal 24		
DI3	Close to Batt +	Blue (White Stripe)	Black			
DI4	Close to Batt +	Blue	White			
DI5	Close to Batt +	Green (Black Stripe)	Purple	Tab 3	Control Switch	
A1	0-5V	Green	Light Green			
A2	0-5V	Green (White Stripe)	Black/White Stripe			
L1	AC Voltage L1	White	Brown/White Stripe			
L2	AC Voltage L2	White (Black Stripe)	Red/White Stripe			