Kohler-APM402 V2 One Link Install

Parts list:

(1) One Link with magnetic mounts

(1) 4G LTE Antenna/GPS Antenna

(1) USB serial cable

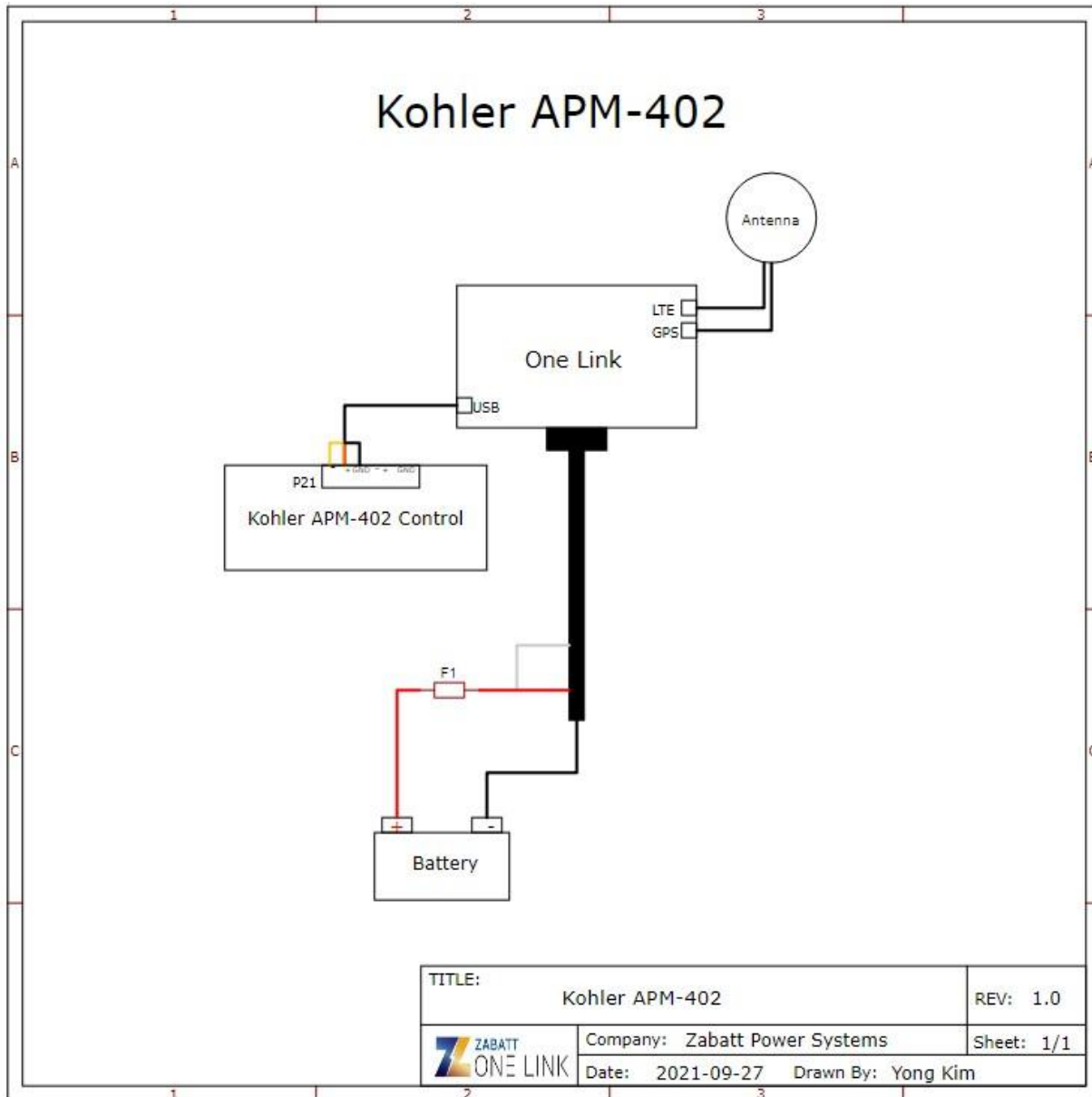(2) Zip ties

(1) Battery wiring harness with inline fuse

(1) OLSC005 serial cable

(2) Lever wire connectors

Installation Instructions:

1. Put the generator in stop mode.
2. Disconnect the positive battery terminal. (**Do not reconnect the positive battery terminal until step 13.)**
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 bare red wire, bare white wire, and **black** 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 **black** 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 red wire and bare white wire from the One Link I/O cable.
9. Connect the USB serial cable to the USB port on the side of the One Link, and route the following wires to Terminal P21 on the back of the control panel:
    a. The yellow wire to the negative terminal.
    b. The orange wire to the positive terminal.
    c. The **black** wire to the ground terminal.
10. Mount the LTE/GPS antenna on the top of the generator.
11. Connect the LTE antenna cable to the top connector on the right side of the One Link.
12. Connect the GPS antenna cable to the bottom connector on the right side of the One Link.
13. 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.

Kohler APM-402

Antenna

LTE
GPS

One Link

USB

P21

Kohler APM-402 Control

F1

Battery

+   -

TITLE:		REV: 1.0
Kohler APM-402		
ZABATT ONE LINK	Company: Zabatt Power Systems	Sheet: 1/1
	Date: 2021-09-27 Drawn By: Yong Kim	

Wire Color Legend					
COLOR	**DESCRIPTION**	**ILLUSTRATION**	**COLOR**	**DESCRIPTION**	**ILLUSTRATION**
Red	(+) Battery		Orange	A1 (4-20ma)	
Black	(-) Battery		Orange(Black Stripe)	A2 (4-20ma)	
Blue(White Stripe)	K1 - NC		White	A3 (0-30VDC)	
Blue	K1 - COM		White(Black Stripe)	A4 (0-30VDC)	
Blue(Black Stripe)	K1 - NO		Green	Input Common	
Red(Black Stripe)	K2 - COM		Green(White Stripe)	DI1 (switch to ground)	
Red(White Stripe)	K2 - NO		Green(Black Stripe)	DI2 (switch to ground)	
Black(White Stripe)	No Connection		For technical assistance, please visit onelink.zabatt.com		