one link
monitoring systems

Dynagen TG410
Installation Guide
One Link v4

Installation Instructions:

1. Put the generator in stop mode.

2. Disconnect the positive battery terminal. (Do not reconnect the positive battery terminal until step 14.)

3. Using the self-tapping screws, 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 **red** wire and **black** wire from the One Link power 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 power 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 from the One Link power cable.

Panel:

Parts List:

OLM004

Lever Connectors(2)

Installation Instructions(cont.)

9. Connect the serial cable to the 3 terminal connector port on the front of the One Link and the opposite end of the serial cable to the port on the back of the control panel.

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.

14. IF NO ATS HOOKUPS, SKIP TO STEP 18. Puncture a hole in the plastic center cap on the front of the OneLink Module and use a wire to connect the Battery + input inside the box to the wago connector for the Battery + terminal.

15. ATS Connection: Connect wire from DI1 on input board inside of OneLink to Normally Closed Terminal on Limit Switch.

16. LOCP Connection: Connect wire from DI2 to Normally Open on LOCP relay.

17. Connect the Common terminal on the relay to the negative terminal on the battery.

18. Plug the power connector into the port on the front of the OneLink and screw it on tightly.

19. Refer to table at bottom for LOCP/ATS alarm testing if applicable.

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. Check the activation screen or your One Link account to ensure the generator's vitals update, and the One Link is transmitting data.

LOCP/ATS ALARM TESTING		
Alarm	**Input**	**LED**
ATS in Normal	DI1	ON
ATS in Emergency	DI1	OFF
Commercial Power Restored	DI2	OFF
LOCP	DI2	ON