



## Champion fleX Hardwire Install Guide

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### 1. Unpack Components

- Unpack the monitor, antenna, and data and power cable.
- Inspect all components to ensure there is no shipping damage.

### 2. Installing Antenna

- Place the antenna vertically at the center of the roof of the generator.
- Route the antenna cable into the area of the generator control.
- Ensure a drip loop lower than the monitor to prevent water from running down the antenna cable into the monitor connection.

### 3. Attach the Antenna Cable:

- Attach the antenna cable to the front of the monitor and tighten thumb tight.

### 4. Attaching the Monitor.

- Attach the monitor via its magnetic feet, on top of the engine controller or another appropriate location.
- Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary.

**\*Note:** If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.

### 5. Connect the Monitor:

- The monitor can connect to the Champion fleX Controller via a hardwire connection using the wiring diagram shown below

### 6. Power On and Check LEDs:

- Turn on the monitor and confirm that the LEDs light up and blink. (Scan QR code for light sequence)
- If not, check for power wires at the battery.

### 7. Confirm Installation:

- Allow 15 minutes for the monitor to log into the network. Call OmniMetrix at 770-209-0012 to confirm installation.





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| Champion fleX Wiring Diagram |              |                    |             |
|------------------------------|--------------|--------------------|-------------|
| SLEEVE COLOR                 | OMNI WIRE    | FUNCTION           | TERMINATION |
| Red                          | Red          | Power In (9-30Vdc) | Pin 16      |
|                              | Black        | Ground             | Pin 15      |
| Blue                         | Orange       | Gen Running        | Pin 13      |
|                              | Blue         | Common Alarm       | Pin 11      |
|                              | Violet       | Engine High Temp   | Pin 6       |
|                              | Gray         | Low Oil Pressure   | Pin 7       |
|                              | Yellow/White | Remote Start       | Pin 8       |
|                              | Brown/White  | Remote Stop        | Pin 15      |



Back of Controller – fleX

If you have any questions, please call OmniMetrix Tech Support at  
770-209-0012 or email at [techsupport@omnimetrix.net](mailto:techsupport@omnimetrix.net)

