



CHAMPION flex

Installation Guide



1. Unpack Components

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

2. Install the 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. Attach the Monitor

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

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

5. Connect the Monitor

- The monitor connects to the CHAMPION flexX Controller via wiring diagram shown below





6. Power On and Check LEDs

- Turn on the monitor and confirm that the LEDs illuminate and blink.
- If the LEDs do not light, check for power wires at the battery.

NOTE: Scan the QR code on the unit for the expected LED light sequence.

7. Confirm Installation

- Allow 15 minutes for the monitor to log into the network.
- Call OmniMetrix on 770-209-0012 or email techsupport@omnimetrixconnect.com to confirm successful installation.

CHAMPION fleX — Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9–30 Vdc)	Pin 16
	Black	Ground	Pin 15
Blue	Orange	Gen Running	Pin 13
	Blue	Common Alarm	Pin 11
	Violet	Low Fuel	Pin 6
	Gray	Low Coolant Temp	Pin 7
	Yellow/White	2-Wire Start	Pin 8
	Brown/White	GNF for 2-Wire Start	Pin 15

