



Champion aXis Hardwire Install Guide



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 aXis 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.

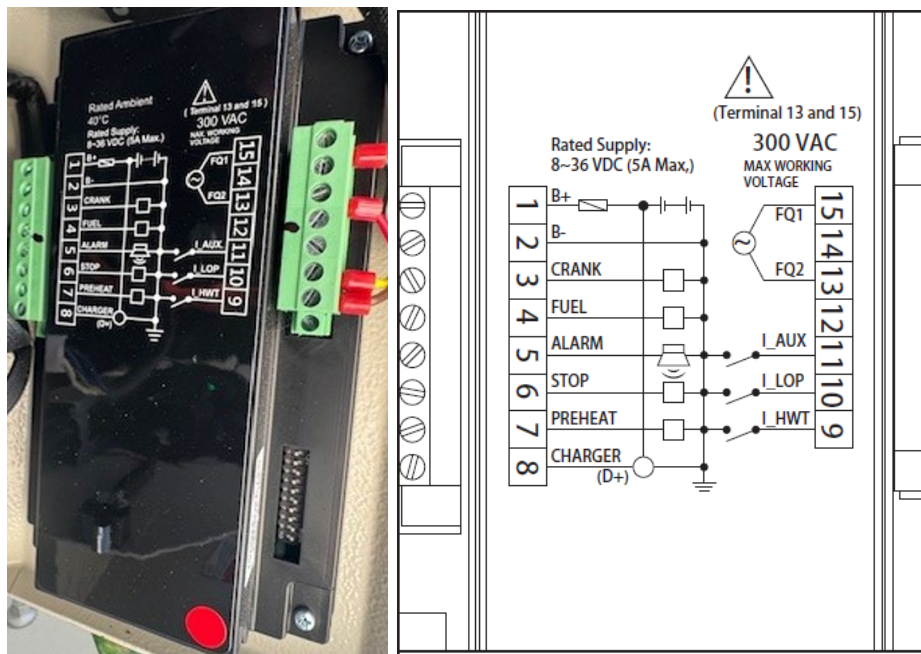




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Champion aXis Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9-30Vdc)	Pin 1
	Black	Ground	Pin 2
Blue	Orange	Gen Running	Pin 4
	Blue	Common Alarm	Pin 5
	Violet	Engine High Temp	Pin 9
	Gray	Low Oil Pressure	Pin 10
	Yellow/White	Remote Start	Pin 11
	Brown/White	Remote Stop	Pin 2

*We cannot connect to Pin 15 & 13 as they are giving out AC voltage.



Back of Controller – aXis

If you have any questions, please call OmniMetrix Tech Support at

770-209-0012 or email at techsupport@omnimetrix.net

