

OMNIPRO

Kohler APM802 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.*

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5. Connect the Monitor

- The monitor connects to the APM802 Controller via a 2-wire (RS485) Modbus connection on TB10.
- If TB10 cannot be located, check the back of the controller and trace the RS485 wires to the terminal board.

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.

Kohler APM802 — Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9–30 Vdc)	Battery +
	Black	Ground	Battery –
Blue	White	Modbus Data +	TB10-7
	Green	Modbus Data –	TB10-8

