



## 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 DEC3000 via a 2-wire (RS485) Modbus connection.

## 6. Utilize Modbus Capabilities:

- Connect the OMN white (Data+) and green (Data-) wires to connector P21.

**\*If a Kohler Annunciator is already connected to this block, you must choose between the OmniMetrix monitor and the annunciator. The DEC3000 will not support both simultaneously, possibly requiring a hardwired connection with the relay kit.**

## 7. Power On and Check LEDs:

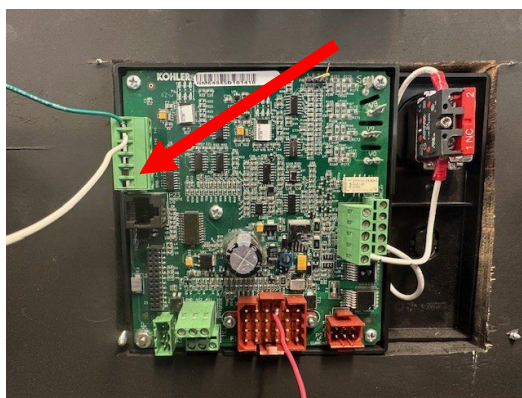
- Turn on the monitor and confirm that the LEDs light up and blink. (Scan QR code for light sequence)
- If not, check for power wires at the battery.

## 8. Confirm Installation:

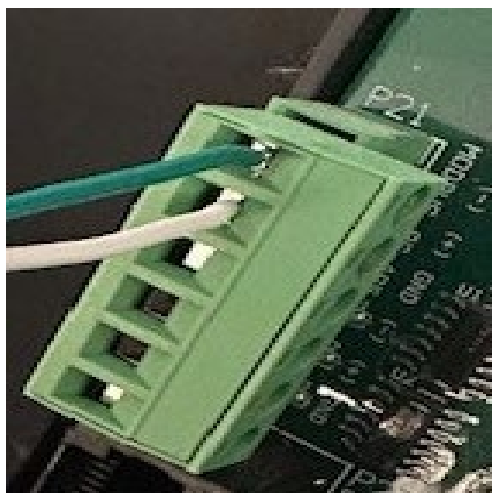
- Allow 15 minutes for the monitor to log into the network. Call OmniMetrix at 770-209-0012 to confirm installation.



DEC3000/APM402 Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9-30Vdc)	Battery +
	Black	Ground	Battery -
Blue	White	Modbus Data +	P21+
	Green	Modbus Data -	P21-



APM402 Controller (Communication Port P21)



P21 Data+ (White) Data- (Green)

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

