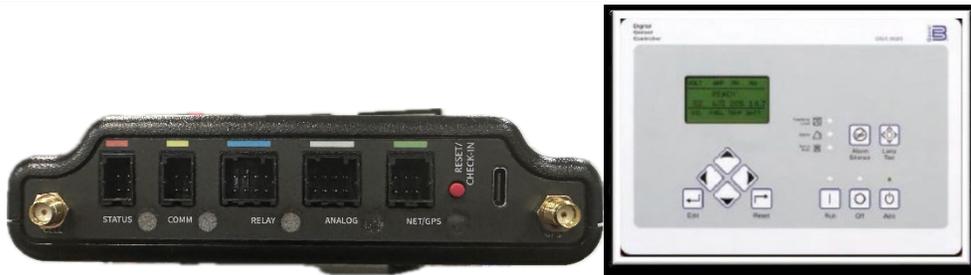


# OMNIPRO

## DGC2020 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 DGC2020 via a 2-wire (RS485) Modbus connection.

### 6. Utilize Modbus Capabilities:

- Connect the OMN white (Data+) and green (Data-) wires to Terminal Board Pin 13 and 14 (Wiring guide shown below)

### 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:

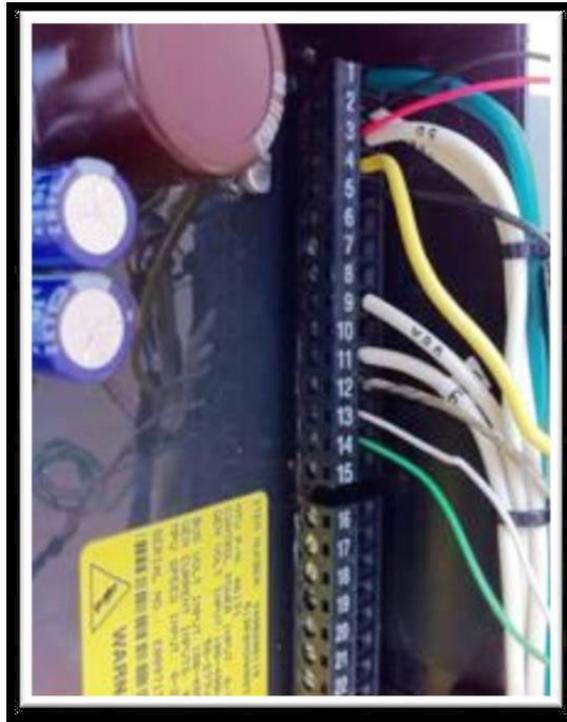
- Allow 15 minutes for the monitor to log into the network. Call OmniMetrix at 770-209-0012 to confirm installation.



# OMNIPRO

## DGC2020 Install Guide

DGC2020 Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9-30Vdc)	3
	Black	Ground	2
Blue	White	Modbus Data +	13
	Green	Modbus Data -	14



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

