Terminal Strip inside of WATERMARK Monitor enclosure

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Solar Panel Installation –
Attach the spade terminal ends of the wires to the appropriate battery terminals: BLACK to the negative (–) terminal first, and then RED to the positive (+) terminal. Batteries are shipped with the negative lead disconnected and taped over.

DO NOT short the battery wire leads. Shorting can cause fire. If the wires become shorted, place battery on a nonflammable surface outdoors for observation for 15 - 20 minutes (battery can ignite even after 10 minutes).

To be sure exposed wires do not touch, make wire connections one at a time, connecting the negative (BLACK) first. If you need to adjust the length of wires, cut them separately. Do not allow exposed ends of wires to touch.

For 900M-CG/BP gateways connected directly to a WATERMARK Monitor:

1. Mount the 900M-CG/BP enclosure to the installed mast using the supplied clamps. Maintain at least 3 ft. (1 m) between the 900M-CG enclosure and any other radio device. Failure to maintain this distance may result in damage to the devices.

2. Route the 5 conductor cable from the 900M-CG/BP to the 900M and feed it through the strain relief at the bottom of the Monitor enclosure.

3. Connect the 5 exposed wires to the terminal strip inside of the 900M per the diagram on page 4.

Make all terminal strip connections for power supply inside Monitor case before attaching the RED (+) lead to the battery spade terminal.

A charge controller has been included to prevent overcharging batteries. Separate charge controller instructions are included, should they be needed for troubleshooting.

Maintenance –
The battery is sealed and requires no maintenance, but should be checked annually for adequate voltage output.

The solar panel requires routine cleaning to provide adequate charging capacity. Even a light coating of dust can significantly reduce its ability to maintain the battery charge. It should be rinsed with clean water monthly and cleaned with window cleaner seasonally.