



INSTALL GUIDE

This install guide is for the 120 and 500 watt solar water pump systems. This guide will have all the basic necessary steps to install and operate the pump system. If you still have questions, please reach out for support at will@agmetrixus.com or call us at 855-423-7867.

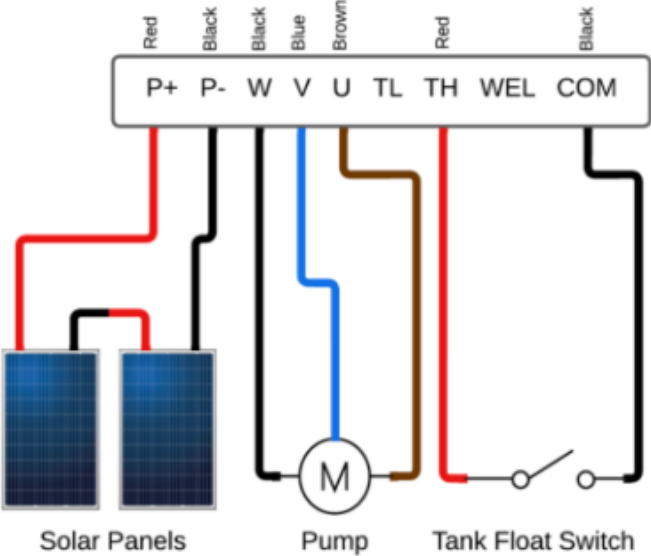
The pump kit comes with most of the necessary components to install the pump and controller. You will need to provide the following items to complete the install.

1. ¾" poly pipe from well seal to the pump
2. Solar pump wire from controller to pump. (sold separately).
3. Any plumbing from the well seal to the water tank.
4. Solar panel bracket. (sold separately).
5. Poly rope for pump tie off.

INSTALL INSTRUCTIONS:

1. Install and attach provided brass pipe nipple to water pump. And attach poly pipe.
2. Use provided wire splice kit to attach Down-Hole pump wire to water pump. If wire has different color codes than water pump, make sure the pump wire colors match the diagram below while connected to controller. If wiring order is wrong pump may run backwards and damage will occur after just a few minutes of running.
3. Attach pump rope. Tape rope and pump wire to poly pipe every 10 feet.
4. Set pump down well. Secure rope to support pump.
5. Mount and install pump controller. For best longevity mount display facing away from sun. Wire pump lead to match the diagram below.
6. Mount and install solar panels on existing structure or use the AGMETRIX pole top panel mount.
7. Mount and install provided tank float switch if applicable for your installation.
8. Connect solar panels to match the diagram below.

120 watt Pump Diagram



500 watt Pump Diagram

