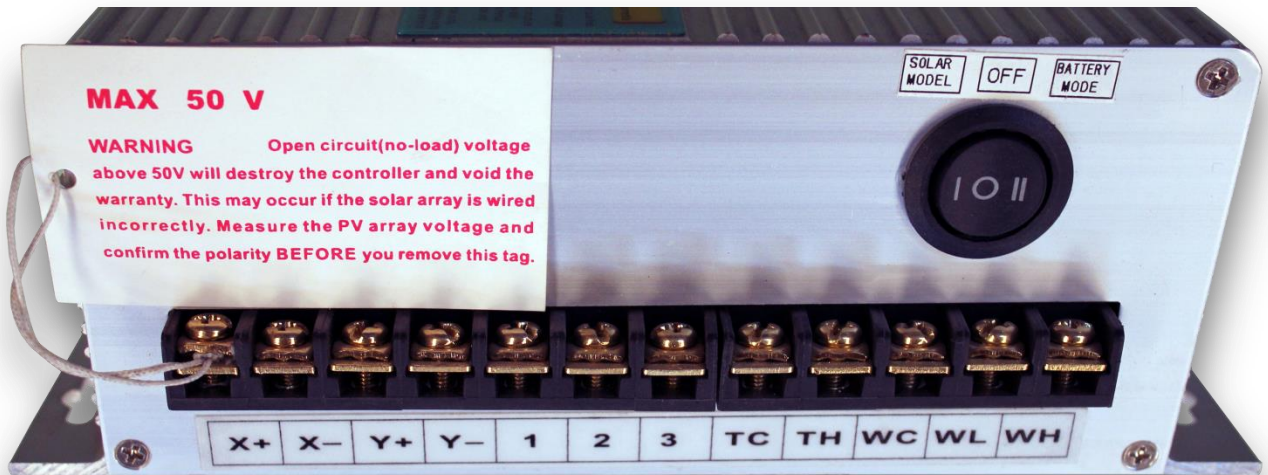


# Generic Solar Pump Controller Wiring Guide



**X+ and X-:** DC Input

**Y+ and Y-:** Battery Connection

**1, 2, 3:** Three Phase Motor Connection

**TC and TH:** Continuity (relay closed) between these terminals will stop the motor and turn on the Tank LED

**WC and WH:** No continuity (relay open) between these terminals will stop the motor and turn the WL (well low) LED

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## Features:

- Three position switch: Off, Solar (DC Input), and Battery Mode. If a DC input is available and the unit has a battery bank connected, it will attempt to charge the batteries when in Battery Mode or run from the batteries if no DC input is available. *Not recommended, as the battery charger cannot sense battery type or ambient air temperature.*
- Two relay inputs for motor start and stop: Low well (normally closed, WC to WH **MUST** be jumpered for the motor to start if no relay is used) and Tank Full (normally open). *WL only used for differential switch configuration.*
- Swapping any two wires on the 3 wire motor output will change the direction of the motor (clockwise or counter clockwise)
- LED display for Power, Motor Run, MPPT, Motor Fault, Battery, Tank Full, and Well Low