

# Tesla Solar Tracker 5

Model # S10A12

## Specification Sheet

**Physical Size:** 6 x 6 x 4 inches, 15.2 x 15.2 x 10.1 cm

**Weight:** 2 lbs, 6oz, 1.1kg

**Mounting Orientation:** Mounts on table surface, not on wall.

**Fan Cooled:** YES

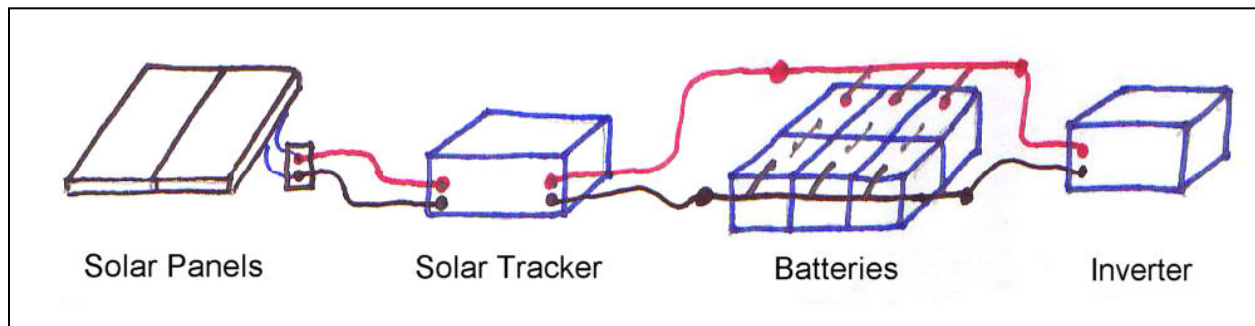
### Maximum INPUTS from the Solar Panel

Open Circuit Voltage (Voc): 22 volts DC  
Voltage at Maximum Power (Vmp): 18.5 volts DC  
Current at Maximum Power (Imp): 10 amps

### Maximum OUTPUTS to the 12 volt Battery Bank

Voltage at Maximum Power (Vmp): 15.2 volts DC  
Current at Maximum Power (Imp): 10 amps  
Watts at Maximum Power (Wmp): 150 watts

## Wiring Diagram



Minimum Connecting Wire Size Recommendations: Copper Only, 12 AWG or 2.6 mm.

Solar panels should be connected to a terminal block as close as possible to the panels, and large diameter wire run from there to the Input of the Solar Tracker 5. Then run large diameter wire from the Solar Tracker Output directly to the battery system. Make sure the system inverter has its "over-voltage" protection point set above 15.8 volts.