

Tesla Solar Tracker 5

Model # S3A12

Specification Sheet

Physical Size: 4.25 x 3 x 3 inches, 10.8 x 7.7 x 7.7 cm

Weight: 1 lbs, 0oz, 0.5 kg

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

Fan Cooled: NO

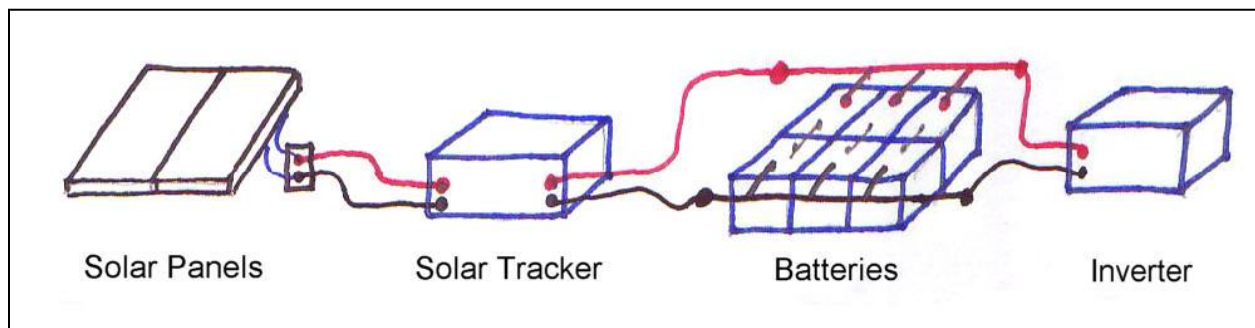
Maximum INPUTS from the Solar Panel

Open Circuit Voltage (Voc): 22 volts DC
Voltage at Maximum Power (Vmp): 18.5 volts DC
Current at Maximum Power (Imp): 3 amps

Maximum OUTPUTS to the 12 volt Battery Bank

Voltage at Maximum Power (Vmp): 15.1 volts DC
Current at Maximum Power (Imp): 3 amps
Watts at Maximum Power (Wmp): 45 watts

Wiring Diagram



Minimum Connecting Wire Size Recommendations: Copper Only, 18 AWG or 1.2 mm.

Solar panels should be connected to a terminal block as close as possible to the panels, and connecting wire run from there to the Input of the Solar Tracker 5. Then run same diameter wire from the Solar Tracker Output directly to the battery system. Make sure the system inverter has its "over-voltage" protection point set at or above 15.4 volts.