

Tesla Solar Tracker 5

Model # S80A24

Specification Sheet

Physical Size: 9 x 8 x 6 inches, 22.8 x 20.3 x 15.2 cm

Weight: 10 lbs, 0oz, 4.5 kgs

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

Fan Cooled: YES

Maximum INPUTS from the Solar Panel

Open Circuit Voltage (Voc): 44 volts DC

Voltage at Maximum Power (Vmp): 37 volts DC

Current at Maximum Power (Imp): 80 amps

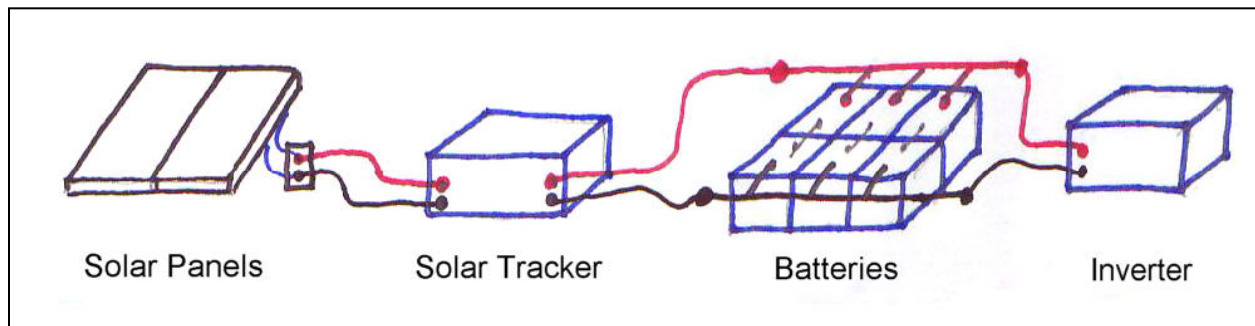
Maximum OUTPUTS to the 24 volt Battery Bank

Voltage at Maximum Power (Vmp): 30.4 volts DC

Current at Maximum Power (Imp): 80 amps

Watts at Maximum Power (Wmp): 2400 watts

Wiring Diagram



Minimum Connecting Wire Size Recommendations: Copper Only, 4 AWG or 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 31.0 volts.