

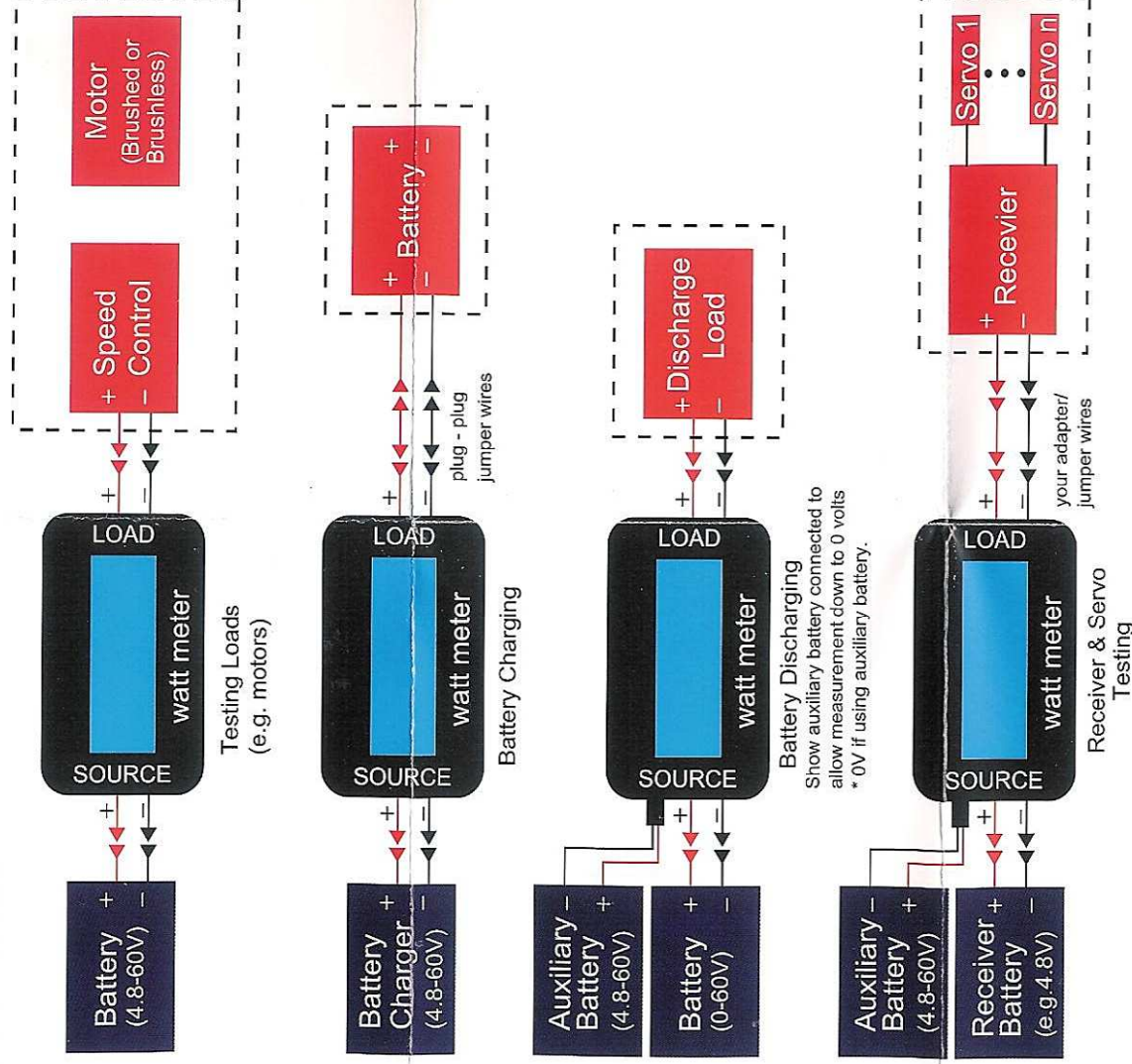
4. BUSING WATT METER

You can think of the Watt Meter as a set of jumper wires. Connect it in the same way and you can measure what the jumper wires are connected to. Like jumper wires, the Watt Meter is essentially a direct connection between same colored SOURCE and LOAD wires, i.e. both the SOURCE and LOAD leads are electrically "hot" when a battery is connected to either side. Current flows from SOURCE to LOAD. Make sure connections are secure to prevent component damage!

Example use #1: Battery on SOURCE side, Motor Speed Controller(ESC) and motor on LOAD side. With the ESC on, the Watt Meter shows the current into the motor, voltage and power at the battery and accumulates the Ah and Wh while the motor is running. Example use #2: with a battery charger on the SOURCE side and battery pack on the LOAD side, the Watt Meter shows the charging current into the battery, the voltage and charging power at the battery and accumulates the charge (Ah) and energy (Wh) into the battery.

❖ FUNCTIONS "TURNIGY" WATT METER AND POWER ANALYZER

Measures EIGHT parameters key to electric power safety & performance. Use it to: Prevent peak currents damaging battery. Motor control, motors, wiring and connectors. Verify sufficient operating voltage under load. Set cutoff voltages, check battery capacity & health. Balance battery cells. Confirm proper battery charger operation. Detect receivers and actual operating current so as to make sure whether an UBEC is needed.



SPECIFICATION

- Operates from 4.8-60 V
- 0 V with optional auxiliary battery.
- Measures 0-130 A, resolution 0.01 A;
- 0-60 V, resolution 0.01 V;
- 0-6554 W, resolution 0.1 W;
- 0-65 Ah, resolution 0.001 Ah;
- 0-6554 Wh, resolution 0.1 Wh.
- 16"2, backlit LCD display.
- Size: 85*42*25 mm, Weight: 82 g.