

UBCO Charger Testing

This Document tests your UBCO 2x2 battery charger

1. Charger doesn't turn on, the power LED does not illuminate

- a. Observe fault. Charger doesn't turn on, the power LED does not illuminate
- b. Check alternate power outlet
- c. If fault still occurs. Conclusion. Charger is faulty.

2. Charger turns on (Power LED is red) but doesn't charge a battery

NOTE: There are two LED lights on the charger
Power – This is red when the battery charger has power
Charge - This is red when the battery is charging and Green when the battery is not requiring charge (E.g.: Fully charged or unplugged)
If your Charger is Red (Power) and Red (Charge), then your charger should be charging your battery correctly)

- a. Observe fault. Charger turns on (Power LED is red) but doesn't charge a battery
- b. Attempt to charge the battery. After 8hrs of charging the battery it does not show signs of charge
- c. Conclusion. Charger or battery is faulty
- d. If possible, use another charger to charge the same battery. If battery stays flat, problem is likely the battery. If battery charges, problem is likely faulty first charger
- e. Conclusion. Either battery or charger is faulty

3. Charge LED does not illuminate red when I plug my charger into my bike/battery.

- a. Observe fault. Charge LED does not illuminate red when I plug my charger in.
- b. Please check that the charger is installed correctly with a good connection on the bike console
- c. Remove the battery from the bike and connect the battery charger directly to the battery
- d. Try another battery charger
- e. Conclusion. Either battery or charger or connection is faulty

4. Charge LED is Green but my battery is flat

- a. Observe fault. Charge LED is Green but my battery is flat/Not charging
- b. Check the battery connection
- c. Remove the battery from the bike and connect battery directly to the battery
- d. Try another battery charger
- e. Test the voltage of the battery if the battery voltage is too low the battery charger will not allow it to be re-charged (See UBCO_BatteryTesting)
- f. Conclusion. Either battery or charger or connection is faulty