

Troubleshooting Guide

for CTEK UC 800 (pt# 56-191)

No LED is lit when the charger is connected only to the battery

Explanation: The plug has to be connected for the LED to be lit.

No LED is lit when the charger is connected only to the power outlet

Explanation: The charger has to be connected to battery for the LED's to light up.

No LED is lit when the charger is connected to both the power outlet and the battery

Explanation: The battery voltage could be under 4V.

Test: Test against another battery that is fresh. If nothing happens, even though the voltage is above 4V, the charger could be faulty.

The charger does not switch from into maintenance charging

Explanation 1: Larger loads are connected to the battery at the same time.

Test: Disconnect the loads from the battery and try to charge again.

Explanation 2: Defective battery

Test: If possible, measure the voltage on the battery when the charging is completed. If the voltage is under 7V the battery is probably faulty.

Test: Try the charger on another fresh battery.

and is lit (flashing rapidly) simultaneously and there is a ticking sound

Explanation 1: Bad connection

Test: Move the clamps and make sure there is no loose connection in the quick connector, Comfort Connect.

Explanation 2: The charger is working in the desulphation phase

Test: Leave the charger to charge for 24h (with some supervision). If the charger does not start charging (one of the LED's are lit) within 24h the battery is in very poor condition.

switches to after the charge has been stopped

Explanation: When the charger restarts the battery voltage is monitored. If the battery voltage is above 6,5V the charging will not commence. When the battery is between 6,5V and 7,2V it is considered as fully charged. The charging will automatically start again when the battery voltage drops below 6,5V.

The error LED is lit

Explanation: Reverse polarity

Test: Make sure that the (+) cable/clamp is connected to the (+) terminal and the (-) cable/clamp is connected to the (-) terminal.