

# VECTRIX VX-2 SERVICE MANUAL

## SECTION E-3: CHECK OF CHARGER FUNCTION

### 1. Normal function

If the Charger is connected and the indication led on the charger is at 60%, turn on the scooter and the battery voltage indication of the speedometer should show  $59.5\text{ V} \pm 1.0\text{ V}$ .

During the charging process at 60%, the current should be  $10.0\text{ A} \pm 0.8\text{ A}$ , measured with a clamp ampere meter on the brown wire close to the charger DC-plug.

If not, check the voltage with a digital voltmeter on the Controller power in line (red and black thick wire). The value should be  $59.5\text{ V} \pm 1.0\text{ V}$ . If yes, exchange speedometer, if not, exchange Charger.

### 2. Charger didn't start

Using a Digital Multi meter:

- Open the cover seat
  
- Measure on the charger connector of the scooter if the voltage is like the battery voltage indication of the speedometer. If the voltage is zero, check the fuse #2 (30A) of the converter or the connection cable. If the voltage is lower than 33 V check the voltage of each battery and exchange the battery which is lower than 10.0V.
  
- Exchange Charger