



Battery State of Charge Chart

State of Charge Testing Directions:

1. Charge the battery pack for 12 hours or longer and then unplug the eGO scooter from the wall.
2. Let the battery pack rest for 3 hours or longer before testing it.
3. Now test the Voltages of the individual batteries in the battery pack. The wires that connect to the batteries do not need to be removed to test the battery Voltages. The key should be in the off position while testing the battery Voltages.
4. Use the chart below to determine what the state of charge of the batteries is.

| 12 Volt Battery State of Charge | |
|---------------------------------|-------------|
| Level | Voltage |
| 100% | 13.00 Volts |
| 90% | 12.75 Volts |
| 80% | 12.50 Volts |
| 70% | 12.30 Volts |
| 60% | 12.15 Volts |
| 50% | 12.05 Volts |
| 40% | 11.95 Volts |
| 30% | 11.81 Volts |
| 20% | 11.66 Volts |
| 10% | 11.51 Volts |
| 0% | 10.50 Volts |

The Voltage of the individual batteries should be at the 100% level of 13 Volts plus or minus around 0.10 Volts.

If the battery Voltages are less than 100% then that usually points toward an issue with the charging system which can be tested by plugging the eGO scooter into the wall and testing the Voltage of a battery or of the battery pack with a digital multimeter set to read DC Volts. The DC Volts setting should be the closest one to 12 Volts which is usually 20 Volts. During this test the battery Voltage should very slowly increase if the charging system is working.