

## 5.2.1 Scooter / R-Series Flash Codes

Flash*	Description	Meaning
1	Battery Low	The batteries are running low or are in an over-discharged state. <ul style="list-style-type: none"> <li>Recharge the batteries.</li> </ul>
2	Low Battery Fault	The batteries have run out of charge. <ul style="list-style-type: none"> <li>Recharge the batteries.</li> <li>Check the battery and associated connections and wiring.</li> </ul>
3	High Battery Fault	Battery voltage is too high. This may occur if overcharged &/or travelling down a long slope. <ul style="list-style-type: none"> <li>If travelling down a slope, reduce your speed to minimise the amount of regenerative charging.</li> </ul>
4	Current Limit Time-out or Controller too hot	The motor has been exceeding its maximum current rating for too long. <ul style="list-style-type: none"> <li>The scooter may have stalled. Turn the controller off, leave for a few minutes and turn back on again.</li> <li>The motor may be faulty. Check the motor and associated connections and wiring.</li> </ul>
5	Park Brake Fault	Either a park brake release switch is active or the park brake is faulty. <ul style="list-style-type: none"> <li>Check the park brake and associated connections and wiring.</li> <li>Ensure any associated switches are in their correct positions.</li> </ul>
6	Drive Inhibit	Either a Stop function is active or a Charger Inhibit or OONAPU condition has occurred. <ul style="list-style-type: none"> <li>Release the Stop condition (seat raised etc.)</li> <li>Disconnect the Battery Charger</li> <li>Ensure the throttle is in neutral when turning the controller on.</li> <li>The Throttle may require re-calibration.</li> </ul>
7	Speed Pot Fault	The throttle, speed limit pot, SRW or their associated wiring may be faulty. <ul style="list-style-type: none"> <li>Check the throttle and speed pot and associated connections and wiring.</li> </ul>
8	Motor Voltage Fault	The motor or its associated wiring is faulty. <ul style="list-style-type: none"> <li>Check the motor and associated connections and wiring.</li> </ul>
9	Other error	The controller may have an internal fault. <ul style="list-style-type: none"> <li>Check all connections and wiring.</li> </ul>

\* The Scooter and R-Series produce the same flash code sequences to indicate a fault, but the flash timings are different:

Scooter flash timings: 250ms ON / 500ms OFF with a 2s break between.

R-Series flash timings: 140ms ON / 400ms OFF with a 2.4s break between.