

X-9000_V3 Common Errors



Over Voltage	Under Voltage
<p>Make sure the correct battery series and model is selected in the app under Settings > Battery.</p> <p>Avoid revving the bike on a stand.</p> <p>Make sure field weakening and regen is set correctly for your battery and motor model.</p> <p>See the installation guide if you are unsure of the correct settings to use.</p>	<p>Make sure the correct battery series and model is selected in the app under Settings > Battery.</p> <p>The BMS is tripping due to high amp draw. Lower field weakening and battery amps and then test.</p> <p>It can also indicate that the battery needs to be charged and is sagging to the low voltage cut off under load.</p>
Controller Over Temp	Motor Over Temp
<p>You will experience less power output before the controller fully cuts back power with this fault.</p> <p>Controller Over Temp Fault is there to protect the controller from damage.</p> <p>Lower field weakening and power settings to reduce controller heat.</p> <p>Change gearing depending on application.</p>	<p>You will experience less power output before the controller fully cuts back power with this fault.</p> <p>Motor Over Temp Fault is there to protect the motor from damage.</p> <p>Lower field weakening and power settings to reduce motor heat.</p> <p>Change gearing depending on application.</p> <p>Check the temp sensor cable for damage.</p> <p>Check the motor connector. If water has entered the connector, dielectric grease around the seal can help prevent this from happening again.</p>
Throttle Voltage	Regen Voltage
<p>Relates to the twist / acceleration throttle.</p> <p>Go to the Throttle Page > Calibration Tab > Main Throttle Calibration tab in the app. Follow the setup wizard. Cycle the controller off and then back on to clear the fault.</p> <p>If the error returns, check throttle cabling and connections.</p> <p>Replace throttle if faulty.</p> <p>Manually check Min and Max throttle voltage on the dashboard page by putting the display in level 0 and the bike on a stand for safety. Observe Min throttle voltage with the throttle at rest and Max with the throttle pinned. Compare it to the calibration page Min and Max voltage.</p>	<p>Relates to the thumb throttle.</p> <p>Go to the Throttle Page > Calibration Tab > Thumb Throttle Calibration tab in the app. Follow the setup wizard. Cycle the controller off and then back on to clear the fault.</p> <p>If the error returns, check throttle cabling for damage and the thumb throttle connector for bent pins.</p> <p>Replace thumb throttle if faulty.</p> <p>Manually check Min and Max regen throttle voltage on the dashboard page by putting the display in level 0 and the bike on a stand for safety. Observe Min throttle voltage with the thumb throttle at rest and Max with the thumb throttle pinned. Compare it to the calibration page Min and Max voltage.</p>