

12V LED Indicator Quick Reference

Abnormal Battery Conditions

LED Light	Airplane Voltage/Current	Battery Possible Cause	Recommended Action
Slow Flashing (5s on/5s off)	12.8-14.6 volt or ammeter indicating normal charge or discharge	Cell to cell charge level imbalance. May come on briefly (< 60 mins) during or following periods of high current charging	No pilot action is required in flight. The pilot should report battery problem to maintenance personnel (note how long the fault light was on).
Solid Light	Any voltage or current	BMS electronics problem	No pilot action is required in flight. Continue to monitor aircraft bus voltage and or current. The pilot should report battery problem to maintenance personnel. Do not dispatch aircraft.
Short Flashing (2s on/2s off)	Any voltage or current	High battery temperature (> 85°C / 185°F)	No pilot action is required in flight. The pilot should report battery problem to maintenance personnel. Do not dispatch aircraft until battery has cooled and fault cleared.

Abnormal Aircraft Charging Conditions

LED Light	Airplane Voltage/Current	Battery Possible Cause	Recommended Action
Slow Flashing (5s on/5s off)	Less than 12.8 volt or ammeter shows discharge or alternator warning light on	Charging system is not functioning (battery is being discharged or at a low state of charge)	Pilot to follow POH procedure for faulty alternator. Do not dispatch aircraft.
Slow Flashing (5s on/5s off)	Greater than 15.2 volt	Regulator not functioning	Pilot manually turn off alternator if overvoltage protection fails. Do not dispatch aircraft.