LED CODES

MODE	LED COLOR		BEEP	ISSUE	FIX
Protection Mode (initital start up)	🟢	Green LED Flashing	1x Short Beep	Low voltage protection	Charge or replace battery
			1x Short Beep + 1x Long Beep	High Voltage protection	Confirm battery is charged on STACYC Smart Charger
	🟡	Yellow LED Flashing	2x Long Beeping	Throttle Speed Input >1V	Replace throttle
	🔴	Red LED Flashing	Long Beeping	Battery temperature protection	Battery is too hot or too cold to operate
	🔴	Red LED Flashing	Long Beep (1 second)	Motor temperature protection	Stop riding, let motor cool
	🔴🟢	Red & Green LED Flashing Mutually	2x Short Beeping	Mos temperature protection	Stop riding, let bike cool
Protection Mode (while riding)	🟢	Green LED Flashing	1x Short Beep + 2x Long Beep	Battery pack low voltage protection	Recharge battery
	🔴	Red LED Flashing	3x Short Beeping + 1x Long Beep	Battery temperature protection	Stop riding, let battery cool
	🔴	Red LED Flashing	Continous Beeping (0.5 seconds)	Motor temperature protection	Stop riding, let bike cool
	🟡	Yellow LED Flashing	5x Short Beep + 1x Long Beep	Over current protection	Replace throttle
	🔴🟢	Red & Green LED Flashing Mutually	2x Long Beeping	Mos temperature protection	Stop riding, let bike cool
	🟡🟢	Yellow & Green LED Flashing Mutually (continuously)		Motor hall sensor error	Check condition of wires and connectors, clear dust or debris inside motor using compressed air.
Warning Mode	🟡	Yellow LED Flashing	1x Short Beeping (every 2 seconds)	Motor over temperature warning	Stop riding, let bike cool
	🟡🟢	Yellow & Green LED Flashing Mutually (continuously)		Blocked Protection In a condition: throttle >20%, motor rpm <1050rpm and motor current is over 27A	Check condition of gearbox, service drivetrain
	🔴🟡	Red & Yellow LED Flashing Mutually	2x Short Beep + 2x Long Beep	ESC detects abnormal current signal from motor	Check condition of wires and connectors for damage