

Applies to:

Kite Scooters (from 2011)

Diagnostics

Available in a 45A version.



When the key switch is turned on, the power LED will flash if a fault is detected. To indicate the fault, the LED will flash a number of times, pause and then flash a number of times again to indicate the fault. The flash sequences are below.

TYPE 0 LED CODES		FAULT
<i>LED off</i>	██████████	no power or defective controller controller powered up; no faults
<i>solid on</i>	□	
1,1	□ □	THERMAL FAULT
1,2	□ □□	THROTTLE FAULT
1,3	□ □□□	SPEED POT FAULT
1,4	□ □□□□	UNDERVOLTAGE FAULT
1,5	□ □□□□□	OVERVOLTAGE FAULT
2,1	□□ □	MAIN OFF FAULT
2,2	□□ □□	(not used)
2,3	□□ □□□	MAIN FAULT *
2,4	□□ □□□□	MAIN ON FAULT
2,5	□□ □□□□□	(not used)
3,1	□□□ □	WIRING FAULT *
3,2	□□□ □□	BRAKE ON FAULT
3,3	□□□ □□□	PRECHARGE FAULT *
3,4	□□□ □□□□	BRAKE OFF FAULT
3,5	□□□ □□□□□	HPD FAULT
4,1	□□□□ □	CURRENT SENSE FAULT *
4,2	□□□□ □□	HARDWARE FAILSAFE *
4,3	□□□□ □□□	EE CHECKSUM FAULT †
4,4	□□□□ □□□□	(not used)
4,5	□□□□ □□□□□	BATTERY DISCONNECT FAULT *

* = Must cycle keyswitch to clear.
† = Must use programmer to clear, as follows: select Program menu, alter data value of any parameter, cycle keyswitch.