

Flashes	Description	Level	Time (s)	Source
1	Low Battery / Minimum batt conditions for startup not met.	31.5 V, 33.5V 5%	3	Battery comms
2	Start sequence error	N/A	2	DMH switches
3				
4	Authentication error	N/A	10	Battery comms
5	Batt over temp	60C	3	Battery comms
6	Batt over current	17A	3	Battery comms
7	Mosfet over temp	90C	3	ADC reading
8	Vac over current	~8A	3	Hardware + DAC level of 4.2V
9	Brush over current	~14A	3	Hardware + DAC level of 4.2V
10	Control board failed	Vac ~360mA Brush ~630mA	0.5	Channel current measured by control board ADC greater than threshold when should be off.
11	Display comms fail		0.2	I2C to display board