

TECHNICAL BULLETIN

SUBJECT: LEDs Suddenly Say 0% SOC

This bulletin is provided to communicate and give guidance on a possible pack issue in heavy load applications.

Description

Flux Power has identified an issue where a LiFT Pack may, under heavy load, artificially set the state of charge to 0% regardless of the actual state of charge of the battery. This will cause the buzzer to sound, even though the pack is still operational.

Products Affected

Please see the following appendix to see if your product is affected.

Remedy

A permanent fix for this issue will be made available by firmware upgrade in the near future.

Meanwhile, for customers affected by this issue, the problem can be remediated by connecting to the battery and changing the low cell setting.

- First connect to the battery and open the Flux Power Pack Monitor application.
- Click Run to open communication with the battery.
- WAIT for fields to populate with cell voltages, temperatures, etc.
- Click on the Admin tab in the top middle of the window.
- On the middle left of the Admin page you will see the below settings options (fig1).
- Set the Warning Cell Voltage to 2.95 and the 0% SOC Cell Voltage to 2.80.
- Click on the buttons to the left to write the settings to the battery (fig1).
- To ensure that the new values have been sent to the battery, click Read Values at the top left of the page and make sure the values do not revert to the old settings.

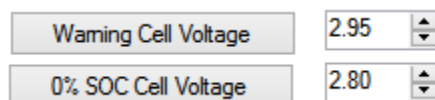


Figure 1: The new settings required. Click the buttons "Warning Cell Voltage" and "0% SOC Cell Voltage" to write the settings to the battery.

To obtain the latest versions of our software, please visit www.fluxpwr.com/support-main and enter the password: flux2016

Please contact a technical support representative if you need any assistance:

T: 877-505-3589

E: support@FLUXpwr.com

*****Repairs should only be performed by an authorized technician*****



If you have any questions regarding this Technical Bulletin, please contact your Flux Power representative.

Thank you!

Appendix

L3006	160029	160073	160124
L3023	160030	160075	160125
L3039	160031	160076	160126
L3064	160032	160078	160127
160001	160033	160080	160128
160002	160034	160081	160129
160003	160035	160083	160130
160004	160036	160084	160131
160005	160037	160085	160132
160006	160038	160087	160133
160007	160039	160088	160144
160008	160040	160090	160148
160009	160041	160091	
160010	160042	160092	
160011	160043	160093	
160012	160044	160094	
160013	160045	160105	
160014	160046	160106	
160015	160047	160107	
160016	160049	160111	
160017	160050	160112	
160018	160051	160113	
160019	160052	160114	
160020	160063	160115	
160021	160064	160116	
160022	160065	160117	
160023	160066	160118	
160024	160067	160119	
160025	160068	160120	
160026	160069	160121	
160027	160070	160122	
160028	160072	160123	