



## ChangeLog for 51.2V 280Ah AllWeather WallMount & Indoor Wallmount BMS Update

**S02T25-** Modified functional safety parameters to adjust maximum charge current level-1 to 145A for 10 seconds.

**S02T19-** Improved the SOC% Calibration based on Total Voltage due to parasitic discharge loads that can occur under 0.5A DC.

**S02T11-** Corrected the cycle count logic to:  
Cumulative discharge 80% (224ah) = +1 Cycle count

**S02T09-** Heater logic is whenever all (4) temperature sensors 1-4 reach below 0C the heater will turn on and draw a 4-amp discharge until all (4) temperature sensors 1-4 reach 6C the heater will power off. The heater will not function at 10% SOC or below.

**S02T07-** Added the rapid shutdown (RSD) feature when in closed loop communication with the following:

- EG4 FlexBoss21
- EG4 FlexBoss18
- EG4 18KPV
- EG4 12KPV
- EG4 12000XP
- EG4 6000XP

Battery Type: Lithium  
Lithium Brand: Lithium\_01

With the release of this document, S02T25 is the current publicly released firmware.  
S02T25 includes all features from previous firmware versions.  
All updates in this changelog are done via RS232 update.