

EG4 ELECTRONICS
Battery Research & Development

**ChangeLog for 51.2V 280ah AllWeather WallMount & Indoor WallMount
BMS Update**

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% (224 ah) = +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 Flexboss 18
- EG4 18KPV
- EG4 12KPV
- EG4 12000XP
- EG4 6000XP

Battery Type: Lithium
Lithium Brand: Lithium_01

*When this document was released S02T11 is the current publicly
released firmware.*

*S02T11 includes all features from S02T09 & S02T07. All updates in this
changelog are done via RS232 Update*