s-BMS v6.15 release note

Please note that s-BMS v6.15 is bootload compatible with v6.1 – 6.14 releases.
v6.15 contains changes to the BMCU and PC Software. v6.15 firmware should be used exclusively on a system, do not mix other firmware/software versions with v6.15.
The PC Tool "Diagnostic software" is normally supplied as a node locked PC application. Alternatively the PC Tool is supplied on a license USB dongle and can only be started with this dongle connected to the computers USB port.

In case of any questions about the upgrading procedure, please do not hesitate to contact a Lithium Balance technician before attempting to upgrade the firmware.
The firmware version numbers for this release is:

Unit:	Firmware version:	Boot loader version:
BMCU	20000.0A.06.c.015	7
SUB	20000.0A.06.c.015	2, 1 or -1
LMU	20000.0A.06.c.015	2, 1 or -1
PC Tool	20000.6.15.0	Not applicable

s-BMS firmware changes in this release:

BMS FOCUS	CORE BENEFIT	TECHNICAL DESCRIPTION
Usability	Auto correction of CAN settings	The configuration parameters for CAN and Post Processor are validated by the Diagnostic PC tool to make sure that the parameters are within allowed ranges.
Performance	Extended pre-charge time	The pre-charge minimum time range is increased from maximum 25 seconds to 62 seconds. Note that when using configurations from previous SW versions then it is needed to reconfigure this setting!
Performance	Pre-charge active time	During the pre-charge relay/contactor sequence is the time from closing Main+ contactor and until pre-charge relay opens expanded from 0.2 seconds to 2 seconds.
Bug fix	Improved CAN communication	Previous versions could miss CAN transmissions in situations with LMU communication errors. This version has fixed the problem.
Usability	Auto off	New function for automatic power off. The BMS now has several configurable functions for automatic power off.
Performance	CAN controlled function	The main+ contactor can be kept open during pre-charge via sending a CAN message to the BMS updating memory address 2154. The 2154 value is an 8-bit timer value with 0,1 second resolution.

On behalf of the R&D and support team at LiTHIUM BALANCE