



WS500 ALTERNATOR REGULATOR

Revision 2.4.3 Release Notes

Released on September 9, 2021, Revision 2.4.3 of the WS500 firmware addresses some key features specific to the regulator's use with CANbus-connected BMS units in LiFePo4 battery systems. Notable changes include:

- Added stability in the regulator's charge control when using the CAN connected BMS instrumentation of battery current.
- Added ability to control maximum current based on the requirements of the BMS. Values can be modified in the \$SCA line of the battery's configuration file.
- Simplified lockout control options in \$SCO.

Firmware updates may also address or improve other aspects of the WS500 regulator's performance. Wakespeed recommends updating your regulator whenever new firmware revisions are available – as they may provide worthwhile additions and improvements regardless of your system makeup.