



Configuration Utility Notes LiFeP04 Batteries With REC BMS



This profile is designed to support a variety of LiFeP04 battery types, being supported by the REC BMS. Configuration is based on a CAN-connected BMS. Reference the Communications and Configuration Guide for firmware v.2.2.2 for more details. Configuration details:

- Profile is specific to the REC Active BMS and Q BMS models using the Victron version of the BMS software. Charging decisions are managed by the BMS.
- Alternator temperature target is set at 100°C with standard pull backs. See Configuration Utility User's Guide for adjustment instructions.
- Charging profile is managed by the BMS. Regulator reverts to a fixed 13.6V in the event of a BMS failure.
- Zero Output Technology ensures house load management without overcharging full battery bank.
- Hard temperature limits outside of 0°C to 50°C range. Reduced charge rate (0.02C) outside of 5°C to 45°C range.
- Battery capacity and temperature decisions are automatically adjusted based on CAN reported data.
- Note: If instability is seen with Current Regulation, connect WS500 Current Shunt Sensors to battery current shunt.

IMPORTANT: The information is provided for reference, and is intended to provide guidance required to tailor the configuration profile to your system. Please refer to the Wakespeed Communications and Configuration Guide and Configuration Utility Users Guide for detailed configuration instructions.
