



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.
