Configuration Utility Notes

Victron Energy Smart LiFeP04

This configuration is designed to provide optimal charging for Victron Energy's Smart Lithium batteries. This application is a legacy installation with no CANbus communication between battery and the WS500 Alternator Regulator. A current shunt and battery temperature sensor are required for proper regulation. Default calibration is set for a 500A/50mv shunt.

- Charging is managed by the WS500 Alternator Regulator.
- Alternator temperature target is set at 100°C with standard pull backs. See Configuration Utility User's Guide for adjustment instructions.
- Bulk/acceptance voltage target is 14.2 volts. Float target voltage is 13.5V in a normalized 12V system.
- Minimum compensated battery temperature is 5°C. Minimum charge temperature is 0°C. Maximum charge temperature is 45°C.
- Maximum Battery Amps is .4C.
- Minimum current limit triggering shift from bulk/acceptance to float is 3% of total battery capacity.

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.