



Provides factory recommended parameters for the WS500 regulator when charging Victron's Lead Carbon batteries. Monitoring and regulating to current is key to optimal charging. A current shunt should be installed and connected to the WS500 regulator. 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 -9°C. Minimum charge temperature is -30°C. Maximum charge temperature is 60°C.
- 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.
