



This profile is designed to provide factory recommended parameters for the WS500 regulator when charging Trojan-brand AGM batteries. The use of a current shunt and battery temperature sensor is recommended.

- Charging is managed by the WS500 Alternator Regulator.
- Charging profile is based on recommendations from the Trojan Battery User's Guide.
- 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 14.4 volts. Float target voltage is 13.5V in a normalized 12V system.
- Minimum compensated battery temperature is -9°C. Minimum charge temperature is -45°C. Maximum charge temperature is 45°C.
- Minimum current limit triggering shift from bulk/acceptance to float is 1% of total battery capacity.

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**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.

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