



Configuration Utility Notes Trojan Industrial FLA Batteries



Provides factory recommended parameters for the WS500 regulator when charging Trojan-brand industrial lead acid 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 13.2V 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.

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.
