



## Configuration Utility Notes High Density Absorbed Glass Mat



This Configuration Utility program is designed to optimize the WS500 Alternator Regulator to support charging for high-density, high-voltage AGM batteries. Current sensing via current shunt, and installation of a battery temperature sensor are strongly recommended. Configuration details:

- Charging is managed by the WS500.
- WS500/BT Battery Temperature Sensor is recommended to ensure accurate temperature compensation and over-temperature protection.
- Alternator temperature target is set at 100°C with standard pull backs. See Configuration Utility User's Guide for adjustment instructions.
- Bulk charge voltage is set at 14.7V, with float voltage set at 13.4V in a standard 12V system.
- Exits Bulk/Acceptance at 1 percent of total battery capacity.
- Default Battery Capacity Multiplier is set at zero (500AH). See Configuration Utility User's Guide for instruction on modifying this value to match your system.
- Engine warmup delay is 30 sec.
- Values included in this profile are equal to those provided in DIP switch position #4 on the regulator.

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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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