



External Alternator Regulator Features

Features	Zeus	WS500	Balmar
Secure Bluetooth connectivity for wireless installation, real-time configuration, and updates	✓	-	-
In-App Bluetooth connection for live alternator and battery performance and regulation	✓	-	-
Native iPhone application for ease-of-use in installation, configuring, monitoring, and system diagnosis	✓	-	-
Native Android application for ease-of-use in installation, configuring, monitoring, and system diagnosis	✓	-	-
Native Tablet application for ease-of-use in installation, configuring, monitoring, and system diagnosis	✓	-	-
Firmware updates through Bluetooth	✓	-	-
Performance data logging over wide set of parameters help technicians troubleshoot system	✓	-	-
Remotely share and configure settings so that users can input setting changes	✓	-	-
No need to compromise waterproof integrity upon initial installation	✓	-	-
Alternator Harness and Battery Harness included	✓	-	-
2 Thermistors included			
Easy to understand descriptions of errors on application	✓	-	-
Measures State of Charge (SOC) - Can act as a stand alone battery monitor displaying state of charge	✓	-	-
Wireless Battery spec configuration (no cables required)	✓	-	-
Wireless Alternator spec configuration (no cables required)	✓	-	-
Wireless Engine spec configuration (no cables required)	✓	-	-
Generator Mode™ option (allow max output of alternator when engine is in neutral)	✓	-	-
No harness needed to switch from P-Type and N-Type alternators	✓	-	-
2 Feature-in ports - To physically control user selectable options	✓	-	-
1 Feature-out port - For lamp, or control relay for multiple options	✓	-	-
Dedicated signal wire to disable charging from an external source such as BMS	✓	-	-
Monitor a second shunt Alternator/Battery	✓	-	-
2 Main wiring harnesses separating low/high power to isolate noise for increased safety and efficiency	✓	-	-
Victron Integration	✓	✓	-
Compatible with P-Type and N-Type alternator*	✓	✓	-
Supports Victron VE.can/VREG (Phase 2) CANbus Library	✓	✓	-
Data sharing over NMEA 2000 or CAN bus to Victron or MFDs (Garmin, Raymarine, etc.)	✓	✓	-
Prevent engine overloading or bogging down at lower RPMs by creating alternator output curve based on RPM values	✓	✓	-
Compatible with most battery chemistries on the market (LiFePo, AGM, Flooded lead acid, etc.)	✓	✓	✓
Covers all nominal voltages (12, 24, 36, 48)	✓	✓	✓
Charging Voltage	✓	✓	✓

* Alternator must be manufactured or modified for external regulation