



ARCO ZEUS ALTERNATOR REGULATOR

THE ONLY PERFORMANCE SOLUTION THAT IS PURPOSE-BUILT FOR EASE AND SAFETY

ARCO's Zeus is the only high-energy alternator regulator to feature Bluetooth and a native app (on IOS and Android) allowing for easy installation and configuration. With its intuitive interface, you have access to information on your system that you never had before. This information allows you to regulate your system and optimize your battery charge and alternator output resulting in a safer experience while protecting your energy system investment. Through the ARCO Zeus application, you are in good hands as your data can be logged and then shared with your technician to troubleshoot system problems when remote.

Zeus optimizes battery charges for 12-48 volt systems. Whether you are using Lithium (LiFePo4) batteries to lead-acid Deep Cycle batteries, Zeus has you covered with its pre-set battery libraries and configurable menus to optimize your charging profiles. Zeus manages a complex set of inputs by giving you easy-to-understand options.

Zeus also takes into consideration the power of your engine and allows you to configure the alternator's power take off from the engine by managing the field, or duty. An advanced feature of Zeus is that it can turn your engine into a dedicated generator with a press of the button, whereby it focuses the alternator's performance to the creation of energy in replenishing your battery bank quickly.

Consistent with Zeus's ease of use, Zeus is the only alternator regulator on the market that comes with alternator/battery harnesses and 2 thermistor harnesses, without an additional charge, saving users money and time from sourcing harnesses.

- **BLUETOOTH CONNECTIVITY** for wireless installation, customization, and management
- **NATIVE APPLICATION** to manage all battery bank types
- **HARNESS INCLUDED** for P-Type and N-Type
- **PURPOSE BUILT SAFETY** for alternator and battery activity
- **OPTIMAL CHARGE CONTROL** for lithium-ion battery chemistries
- **GENERATOR MODE™** allows for max output of alternator when engine is in neutral
- **LIMP HOME MODE** option provides a small amount of power to get you to a technician





SPECIFICATIONS

CONNECTIONS:

- Bluetooth ■ RJ45 ■ NMEA 2000
- 3 Feature-in ports ■ 1 Feature-out ports

2 CAN connections	Yes
Management	Native Application built and managed by ARCO allows users to wirelessly install, monitor, system diagnose, and adjust settings
System Voltage	12V, 24V, 36V, 48V
Fully customizable from 12 to 48/52V	Yes
Field Polarity (Harness Included)	The included harness is compatible with both P and N type alternators, users can select their alternator type using the ARCO mobile app.
P-Type (B-Circuit)	Yes
N-Type (A-Circuit)	Yes
Regulator Optimization	Governs charge of batteries specific to manufacturer recommendations by using voltage, current, and temperature goals.
Consistent Performance	Operates at maximum performance within safety limits set by the user - Once the battery bank is full, it will continue to maintain and supply house loads while maintaining the full capacity of the battery bank
Included	Zeus High Energy Alternator Regulator, battery wiring harness, alternator wiring harness, 2 thermistors

