



HIGH ENERGY ALTERNATOR REGULATOR



THE SAFEST AND FASTEST WAY TO CHARGE YOUR BATTERIES AND OPTIMIZE YOUR ALTERNATOR OUTPUT



Smart Monitoring & Control



ONLY WITH ZEUS

Optimizing Battery Charges: Whether you have a 12v-48v system, ARCO Zeus can help you to optimize the charging profile for your specific battery type and thus safely protecting your battery/alternator investment, ensuring that your batteries are always charged properly.

Easy to Use, Even for Beginners: Password protected Bluetooth connectivity and intuitive app for iOS and android, enables you to install and configure with ease. Charges demanding battery banks safely, quickly, & efficiently.

Remote Data Sharing and Configuration: The ARCO Zeus automatically logs your data and enables you to share it with your technician to help you troubleshoot remotely. You can even import your remote technician's configurations.

Feature	ARCO	Competitor 1	Competitor 2
Secure Bluetooth connectivity (No additional equipment required)	+	X	X
Wireless configuration, monitoring, and updates (No additional equipment required)	+	X	X
iOS and Android native mobile application (No additional equipment required)	+	X	X
P and N type harness and thermistors included	+	X	X
State of Charge (SOC)	+	X	X
Simultaneous capability to monitor 2 shunts (battery and alternator)	+	X	X
Need to open enclosure for installation (compromising waterproof rating) and attach with cords to configure and update	X	+	X
Requirement of physically opening enclosure to configure dip switches	X	+	X
Inconvenient need of magnetic pens to program basic functions	X	X	+

SCAN HERE FOR:

- ▶ Mobile App Download
- ▶ Installation Guide
- ▶ Helpful Videos and Walkthroughs
- ▶ Product Registration



SUPPLIED IN THE UK BY:



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*where possible

ArcoMarine.com/Zeus

sales@arcomarine.com

(800) 722-2720

www.technicalmarinesupplies.co.uk

sales@technicalmarinesupplies.co.uk

+44 (0)1752 600454



SPECIFICATIONS

Bluetooth	Yes (Password-protected)
2 Feature-in ports	To physically control user selectable options
1 Feature-out ports	For lamp or control relay for multiple user options
RJ45	Yes
NMEA 2000	Yes
2 CAN connections	Yes
Dedicated Signal Wire	Yes, to disable charging from an external source such as BMS
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
SOC	Yes (State Of Charge)
Generator Mode™	The alternator will maximize the engine's power and send up to 100% of the field into charging their batteries, while using significantly less fuel to produce that energy
P-Type (B-Circuit) and N-Type (A-Circuit) Compatible	Yes, with wiring harness included
Waterproof	Yes, IP 66/ 67 rating
Regulator Optimization	Zeus can read 2 shunts at a time (the battery shunt and alternator shunt). This feature enables Zeus to react to inputs from the battery current/temperature and alternator current/temperature.
Consistent Performance	Yes, it operates at maximum performance within safety limits set by the user
Victron Integration	Yes
Customized Field	Yes, operates at maximum performance within safety limits set by the user
Included	Zeus High Energy Alternator Regulator, battery wiring harness, alternator wiring harness, 2 thermistors
Enclosure Dimensions	Without antenna: 8.2" x 5.9" x 2.4" With antenna: 8.2" x 7.5" x 2.4"
Weight	1.7 lb
Warranty	2 Years

