



ZEUS OMEGA

ALTERNATOR CONTROL SYSTEM



The easiest alternator control system ever

The Control Module



- Bluetooth Enabled
- AZ Cloud (WiFi)
- No traditional Harness Required

The Alternator Drive Module (ADM)



- Pre-terminated wires
- Waterproof (IP68)
- Rated for 100°C (212°F)+

The AZ CAN Cable

- Backbone For Connecting [Additional] ADMs

Zeus Omega™ places the Alternator Drive Module (ADM) at the alternator and the Control Module at the battery. **One cable connects them.**

EASY INSTALLATION

- No more cumbersome multi-wire harness
- Pre-terminated wires
- Support of hall effect sensors
- One cable connection

Install in a fraction of the time of traditional alternator regulators

EASY ACCESS

- Alternator Drive Module (ADM) incorporates a compact footprint
- ADM is rated for high temperatures and waterproofing
- One cable connects the Control Module to the ADM

Grants you access anywhere

NEW FEATURES

NO HARNESS* One cable. Connect at source. No multi-wire runs	WiFi Access system remotely with AZ Cloud (WiFi)	EMERGENCY CHARGE MODE Ability to safely charge if Control Module is not functional
MODULAR CONNECT* Connect multiple alternators through our controller via additional ADMs*	ENGINE RUN DETECT* Omega knows when engine without running a dedicated ignition wire	DEVICE SETTINGS HISTORY Records lifetime configuration changes

WHAT'S IN THE ALTERNATOR CONTROL SYSTEM KIT:

- | | | |
|---|---|--|
| ■ Zeus Omega Control Module
The brain. Pre-terminated. Plug in and run | ■ Zeus Omega Alternator Drive Module
The muscle. Plug in right at the alternator | ■ 5m / 16ft AZ CAN Cable
The one cable. Controller to ADM |
| ■ Short Power Connection
Powers the controller. No long runs | ■ 2x IP67 Fuses + Holders
Waterproof circuit protection | ■ Temperature Sensor
Monitors heat at the source |

* Patent Pending | Manufactured by ARCO Marine | Pensacola, FL |



ACCESSORY ADD-ONS:

Hall Effect Shunt · Control Module · Part: AZHSCM

Direct battery or alternator current sensing

Hall Effect Shunt · ADM · Part: AZHSADM

Direct alternator current sensing

Additional AZ CAN Cable · 5m/ 16ft · Part: WH2105

Add an alternator, add a cable
Extend your system with ease

SPECIFICATION

CORE FEATURES

Mobile App (Android/ iOS)	Yes
Vehicle Integration App (Android Auto/ Apple CarPlay)	Yes
Pre-Terminated Wires	Yes
Bluetooth (Password Protected)	Yes
Bluetooth Deactivation Capability	Yes
Native Wi-Fi	Yes

SYSTEM & CHARGING

System Voltage (12V / 24V / 36V / 48V)	Yes
Generator Mode	Yes
Customizable Parameter Fields (Performance & Safety)	Yes

COMPATIBILITY & COMMUNICATION

Victron DVCC	Yes
NMEA2000	Yes
RV-C	Yes
CZone	Yes
CE Certified	Yes
P-Type & N-Type Compatible (Select through app)	Yes
Analog Shunt at The Battery	Yes
Battery Integrations (Smart BMS & Analog)	Yes

PHYSICAL & WARRANTY

Waterproof Rating	ADM: IP68 (epoxy potted) Control Module: IP20
Heat Tolerance	Control Module: 80°C (176°F) ADM: 100°C (212°F)
Dimensions	100 x 75 x 25mm (4 x 3 x 1 in) ADM: 50 x 100 x 25mm (2 x 4 x 1 in)
Weight	Control Module: 3 oz (85 g) ADM: 5 oz (85 g) Full System (including cable): 1 lb 5 oz (.59 kg)
Warranty	Control Module & ADM: 2 Years
Description / Part Number	Zeus Omega Alternator Control System: AZOMEGA



ADM with Pre-Terminated wires connects to the alternator.



Single or multiple installations of alternators are made safe, cost effective and easy with unique CAN messaging for each alternator.