

## E-MAAX New Generation Charge Control System Choose A System To Fit Your Charging Needs



### Solo

A simple, quickly-installed voltage regulation system that uses the fastest processor available to ensure optimal battery care.

Pre-programmed to the universal default battery program, the Solo delivers a charge profile that's optimized for most popular battery technologies. Available in 12-volt or 24-volt configurations, and P-type or N-type excitation polarities.

Like all E-MAAX models, the Solo is upgradable and updatable to take advantage of new software and accessories.



### Cruiser

Ideal for the boater that's using newer technology AGM or Pure Lead (TPPL) batteries, the Cruiser regulation system includes the ability to monitor temperatures at the alternator and the battery bank – making it possible for the charging output to be modified to respond to environmental conditions. The Cruiser is fully upgradable to support the E-MAAX remote panel and other add-ons as they become available.

Available in 12-volt or 24-volt configurations, and P-type or N-type excitation polarities.



### Voyager

The full-featured Voyager charge control system combines the E-MAAX regulation system with a convenient remote panel that brings operational, programming and diagnostic functions to the comfort of the helm or cabin. Mounted in a convenient location, the remote panel provides access to the regulator's preset battery program options, as well as access to a wide range of advanced programming and calibration functions.

Available in 12-volt or 24-volt configurations, and P-type or N-type excitation polarities.

### Voyager PRO (Available 2016)

The flagship of the E-MAAX line, the Voyager PRO will enable the charge system to monitor and respond to both changes in voltage and current, making it possible to correctly care for newer technologies like lithium ion and lithium phosphate battery packs.

Using proprietary Hall effect sensors on the charge and load sides of the batteries, the Voyager PRO will also enable the remote panel to function as a highly-accurate battery monitor. Visit us at [www.electromaax.com](http://www.electromaax.com) for additional information

It's imperative for a smart control system is the ability to see what's going on throughout the system. The innovative E-MAAX utilizes of series of "bugs" (currently in development) that can be chained around the electrical system to determine alternator temperature, battery temperature, engine rpm, even engine compartment temperatures, so you can monitor system health with just a visit to the remote panel. With sensors in place, the E-MAAX can increase or decrease charging output to match the conditions of the system or batteries – or shut things down completely in the event of a thermal event.

Additional bugs are also being developed for other uses; such as activating auto-start relays, integrating solar and wind chargers and a wide range of other complementary functions. Because they can be programmed for multiple tasks, bugs can also be used to monitor cabin temperature, refrigeration temperature, even water temperature – with easy access to "real time" updates at the remote panel. **For more information about the E-MAAX charge control system, visit [www.electromaax.com](http://www.electromaax.com).**



### **Charge Control At Your Fingertips**

#### *User Friendly Regulator Control*

E-MAAX's innovative remote panel provides all of the access you need to ensure optimal charge control from the comfort of your helm, power panel, or navigational station.

Using the five-button soft-tough pad, the user can easily scroll through a wealth of operational data and programming functions.

Programming modes include:

- Preset programs for Universal (default), standard flooded, deep-cycle flooded, Gel, AGM, Spiral Wound (Optima), Pure Lead (TPPL). Lithium Ion (under development).
- Belt Management Mode (Field governor)
- Advanced Programming: start delay time, voltages in all stages, field thresholds in all stages, slope correction, soft ramp duration

**Contact us with questions or for ordering information at**

**1-866-945-8801 or by email at [info@electromaa.com](mailto:info@electromaa.com). Visit us online <http://www.electromaa.com>.**



### **Optimal Alternator Management**

Designed to provide the maximum in user control and intelligent regulation, the E-MAAX Voyager Charge Controller delivers field current that's required to support newer technology alternators like ElectromaaX's high-output Voyager hairpin and brushless hairpin alternators.

The E-MAAX system is designed to offer maximum compatibility with ElectromaaX or other high-output, externally-regulated marine alternators. The E-MAAX is available in 12-volt or 24-volt configurations, and can be specified to support either P-type or N-type alternators.

E-MAAX voltage regulators are also capable of supporting twin-engine, dual-alternator systems which require communication between regulators to ensure proper operation.



### **Welcome To The New Generation Of Charge Control Management**

ElectromaaX delivers a bold new solution for DC charging control with its E-MAAX series of smart, multi-stage voltage regulation systems. Unlike other marine voltage regulators, which require the user to crawl into the engine compartment to program and monitor the E-MAAX system is modular, so the controller can live in the engine compartment or other out-of-the-way location, while all of the user-dependent features of the charge control system are accessible outside of the engine compartment.